

Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch**ASSESSMENT REPORT
TITLE PAGE AND SUMMARY**

TITLE OF REPORT [type of survey(s)]	TOTAL COST
Assessment Report: Trail Peak Property	\$220,178

AUTHOR(S) Stephen Wetherup, BSc., P.Geo. SIGNATURE(S) _____
Erin O'Brien, MSc., P.Geo.NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) _____ YEAR OF WORK 2008

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) _____

PROPERTY NAME Trail Peak PropertyCLAIM NAME(S) (on which work was done) #534837, 534838, 534839, 534840, 549962, 570064, 570065,
570066, 570067, 570068, 570069, 570070, 57007, 570072, 580797 and 583976COMMODITIES SOUGHT Cu, Au, MoMINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 093M 011MINING DIVISION Omineca NTS 93M/08WLATITUDE 54 ° 25 ' _____ " LONGITUDE 126 ° 20 ' _____ " (at centre of work)

OWNER(S)

1) NXA Inc. (FMC #: 209189) 2) Stephen William Wetherup (FMC #: 141077)

MAILING ADDRESS

Suite 810, 1 First Canadian Place
Toronto, Ontario M5X 1A9 Ph:+1.416.361.312134176 Cedar AvenueAbbotsford, British Columbia, Canada, V2S 2W1

OPERATOR(S) [who paid for the work]

1) NXA Inc. 2) _____

MAILING ADDRESS

Suite 810, 1 First Canadian Place
Toronto, Ontario M5X 1A9 Ph:+1.416.361.3121

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Babine Intrusion, Newman Formation, Ashman Formation, porphyry copperREFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS _____
1672, 5706, 19557, 22719, 24783, 30159

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping _____			
Photo interpretation _____			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic _____	37.2 line km	#534837, 534838, 534839, 534840, 549962, 580797, 583976	} \$95,476
Electromagnetic _____			
Induced Polarization _____	37.2 line km	#534837, 534838, 534839, 534840, 549962, 580797, 583976	
Radiometric _____			
Seismic _____			
Other _____			
Airborne _____			
GEOCHEMICAL			
(number of samples analysed for ...)			
Soil _____	315 samples	#534837, 534838, 534839, 534840, 549962, 580797, 583976	\$63,307
Silt _____			
Rock _____			
Other _____			
DRILLING			
(total metres; number of holes, size)			
Core _____			
Non-core _____			
RELATED TECHNICAL			
Sampling/assaying _____			
Petrographic _____			
Mineralographic _____			
Metallurgic _____			
PROSPECTING (scale, area) _____			
PREPARATORY/PHYSICAL			
Line/grid (kilometres) _____	25 km	#534837, 534838, 534839, 534840, 549962, 580797, 583976	\$61,295
Topographic/Photogrammetric (scale, area) _____			
Legal surveys (scale, area) _____			
Road, local access (kilometres)/trail _____			
Trench (metres) _____			
Underground dev. (metres) _____			
Other _____			
TOTAL COST			\$220,178

ASSESSMENT REPORT

TRAIL PEAK PROPERTY

OMINECA MINING DIVISION
BRITISH COLUMBIA, CANADA

BC Geological Survey
Assessment Report
30686

NTS MAP SHEET
093M/08W

55°25' North Latitude and 126°20' West Longitude

OWNERS:

NXA Inc. (FMC# 209189)

Title #: 534837, 534838, 534839, 534840, 549962, 570064, 570065, 570066, 570067, 570068, 570069, 570070, 570071 and 570072

Stephen William Wetherup (FMC# 141077)

Title #: 580797, 583976

OPERATOR:

NXA INC.

Suite 810, 1 First Canadian Place
Toronto, Ontario M5X 1A9
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February 20, 2009

Prepared by:



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Stephen Wetherup, B.Sc., P.Geo.
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SUMMARY

Inclusive mineral exploration rights to the Trail Peak Property (the “Property”) were acquired by NXA Inc. (“NXA”), an NEX board TSX Venture Exchange (“TSX-V”) listed company (NXI.H) based in Toronto, Ontario, from an option agreement with Lorne Warren. CCIC has prepared this Assessment Report (the “Report”) to provide a summary of scientific and technical data on the Trail Peak (Cu-Au) Property, including historic and recent exploration activities.

This report is based on exploration and property information and from a review of public domain geological and exploration data for the Property (primarily BC Assessment Reports), incorporation of relevant mining and geological literature and data generated by a summer 2008 programme consisting of line cutting, soils sampling and induced polarization (“IP”) and magnetometer (“Mag”) geophysical surveys.

A property visit was completed on July 21, 2008 and the exploration programme was supervised by CCIC employee Erin O’Brien (P. Geo.).

The Trail Peak Property is located approximately 90 km northeast of Smithers, British Columbia, Canada, in the Omineca Mining Division, at 55°25' N and 126°20' W (NAD83, Zone 9; 668800 m E and 6144120 m N). The Property consists of 16 concessions or mineral claims covering an area of approximately 5,287 hectares.

Tenure Number	Claim Name	Owner	Map Number	Expiry Date	Area (ha)
534837	TRAIL PEAK 3	NXA Inc. (100%)	093M	02/06/2015	458.97
534838	TRAIL PEAK 4	NXA Inc. (100%)	093M	02/06/2015	385.74
534839	TRAIL PEAK 5	NXA Inc. (100%)	093M	02/06/2015	367.32
534840	TRAIL PEAK 6	NXA Inc. (100%)	093M	02/06/2015	330.75
549962	n/a	NXA Inc. (100%)	093M	21/09/2015	18.37
570064	TRAIL PEAK NORTH 1	NXA Inc. (100%)	093M	04/04/2012*	367.04
570065	TRAIL PEAK NORTH 2	NXA Inc. (100%)	093M	04/04/2012*	367.04
570066	TRAIL PEAK NORTH 3	NXA Inc. (100%)	093M	04/04/2012*	367.04
570067	TRAIL PEAK NORTH 4	NXA Inc. (100%)	093M	04/04/2012*	367.01
570068	TRAIL PEAK NORTH 5	NXA Inc. (100%)	093M	04/04/2012*	367.01
570069	TRAIL PEAK NORTH 6	NXA Inc. (100%)	093M	04/04/2012*	183.50
570070	TRAIL PEAK NORTH 7	NXA Inc. (100%)	093M	04/04/2012*	366.84
570071	TRAIL PEAK NORTH 8	NXA Inc. (100%)	093M	04/04/2012*	165.09
570072	TRAIL PEAK NORTH 9	NXA Inc. (100%)	093M	04/04/2012*	440.60
580797	TRAIL PEAK	Stephen Wetherup (100%)	093M	04/04/2012*	293.86
583976	TRAIL PK 2	Stephen Wetherup (100%)	093M	04/04/2012*	440.79
Total					5,286.97

* - New expiry date once work applied from 2008 programme has been accepted.

The Town of Smithers, located about 90 km southwest of the Property, is the nearest significant population centre with about 5,500 people. Other close population centres are Granisle (approximately 60 km southwest of the Property with approximately 300 people) and Topley (approximately 100 km south of the Property with approximately 120 people). The workforce in the area is generally employed by the forestry and tourism industries. As many as 230 people work at the Huckleberry Mine live in the Houston area. People in the area are generally supportive of potential mining employment and a local supply of unskilled labour is readily available.

The Granisle Highway and a high-tension electric transmission line were originally built to service the Town of Granisle; and the Bell Cu and Granisle Cu-Au-Ag mines. These mines operated from 1972-1992 and 1966-1982, respectively. Some of the mining infrastructure is still located on the Bell Cu mine site.

A summary of work completed by in previous years on the Property are shown below.

Year	Company	Exploration Activity
1968-1975	Texas Gulf Sulphur Company	EM Survey Mag Survey Geochemical Survey-Soil Trenching- 3600 m Drilling-12 long, 10 short holes Prospecting
1975	Texasgulf Inc.	Drilling-2 holes
1989-1995	N. Carter and Teck Exploration Inc.	Mapping Rock Sampling Re-sampling of old drill core
1996	Hera Resources	IP Survey Mag Survey Geochemical Survey-Soil
2007	NXA Inc.	Line cutting Geochemical Survey-Soil

The Trail Peak Property is located in Intermontane Belt of British Columbia on the Stikine volcanic arc Terrane. The terrane consists of the Asitka Group, Takla Group, and Hazelton Group. Post-accretionary rocks overlying the Stikine terrane include the Late Jurassic Bowser Lake and the Early Cretaceous Skeena Groups (fluvial and deltaic sedimentary rocks) in the northwest; the Late Cretaceous to Early Eocene Kasalka Group (porphyritic andesite, basalt, rhyolite and related pyroclastic rocks) and the Bulkley plutonic suite in the west. In the Babine Lake area where the Trail Peak Property is located, the Early Eocene Newman Formation volcanic rocks overlie Stikine Terrane rocks which are also cut by Eocene age Babine Igneous Suite plutons. The Ashman Formation, consisting mainly of fine-grained shale of the Bowser Lake Group is cut by Babine Igneous Suite dykes and hosts the porphyry copper-style mineralization at the Trail Peak Property. Eocene Babine Igneous Suite is described as small plugs and dykes of crowded biotite \pm hornblende feldspar porphyry, quartz \pm biotite feldspar porphyry and equigranular hornblende-biotite granodiorite to quartz diorite. They occur as multi-phased intrusive centres along a northwest trending belt that extends from the south in the Fulton Lake area and to the north to Trail Peak.

The area of the Skeena Arch is one of the best mineralized areas of British Columbia. It hosts a plethora of deposit types including polymetallic base and precious metal veins, porphyry, epithermal and skarn deposits; sedimentary exhalative (“SEDEX”) and volcanogenic massive sulphide (“VMS”) deposit types.

The Trail Peak prospect appears to be the northern-most known of the Babine Porphyry mineralization in the Babine Porphyry Belt. Several notable examples of Babine Porphyry deposits and include the Granisle and Bell Porphyry deposits totaling ~ 130 MT of 0.40% Cu, 0.15 g/t Au and 0.75 g/t Ag as well as the Morrison Deposit which has ~86 MT of 0.45% Cu and 0.26 g/t Au.

The 2008 field programme on the Property consisted of \$220,178 in exploration expenditures, began on June 6, 2008 was completed on July 21, 2008. The 2008 field programme was an augmentation of the 2007 programme completed by CCIC which consisted of line cutting and a soil geochemical survey. Under the direction of CCIC, the 2008 exploration programme consisted of approximately 24 km of line cutting, a geochemical soil survey and IP and magnetometer geophysical survey over the entire grid area (37.2 km)..

The 2007-2008 geochemical and geophysical surveys defined a multi element (Cu-Mo) soil geochemical anomaly coinciding with a magnetic and chargeability high. A drill programme is recommended to test the anomaly. This programme should consist of a minimum of 2,000 m (ten 200 m drill holes). The estimated cost to complete the 2,000 m programme is \$500,000.

Prospecting and mapping should also be completed over the northern portions of the claims area. An estimated field budget of approximately \$35,000 is recommended.

1.0 INTRODUCTION AND TERMS OF REFERENCE

1.1 Introduction

Exclusive mineral exploration rights to the Trail Peak Property (the “Property”) were acquired by NXA Inc. (“NXA”), an NEX board TSX Venture Exchange (“TSX-V”) listed company (NXI.H) based in Toronto, Ontario, through an option agreement with Lorne Warren. CCIC has prepared this Assessment Report (the “Report”) to provide a summary of scientific and technical data on the Trail Peak (Cu-Mo-Au) Property, including historic and recent exploration activities.

This Report is based on public domain geological and exploration data for the Property (primarily BC Assessment Reports), relevant mining and geological literature and data generated by the 2007 and 2008 field programme consisting of soils sampling and geological mapping.

1.2 Terminology and Units

The Metric System or SI System is the primary system of measure used in this Report with distance generally expressed in kilometres (km), metres (m) and centimetres (cm), volume expressed as cubic metres (m³), and mass expressed as metric tonnes (t). Conversions from the SI or Metric System to the Imperial System are provided below and quoted where practical. Many of the geologic publications and more recent work assessment files now use the SI system but older work assessment files almost exclusively refer to the Imperial System.

Conversion factors utilized in this report include: 1 troy ounces/ton = 34.29 gram/tonne; 0.029 troy ounces/ton = 1 gram/tonne; 1 troy ounces/ton = 31.1035 gram/ton; 0.032 troy ounces/ton = 1 gram/ton; 1 gram = 0.0322 troy ounces; 1 troy ounce = 31.104 grams; 1 pound = 0.454 kilograms; 1 foot = 0.3048 metres; 1 mile = 1.609 kilometres; 1 acre = 0.405 hectares; and, 1 sq mile = 2.59 square kilometres. The term gram/tonne or g/t is expressed as “gram per tonne” where 1 gram/tonne = 1 ppm (part per million) = 1000 ppb (part per billion). Other abbreviations include ppb = parts per billion; ppm = parts per million; opt or oz/t = ounce per short ton; Moz = million ounces; Mt = million tonne; t = tonne (1000 kilograms); SG = specific gravity.

Dollars are expressed in Canadian Dollar currency (CAD\$) unless otherwise noted. Gold (Au) and silver (Ag) are stated in US\$ per troy ounce (US\$/oz). Gold and silver values are reported as grams per tonne (ppm) symbolized g/t or troy ounces per short ton.

Unless otherwise mentioned, all Universal Transverse Mercator (UTM) coordinates in this Report are provided in the datum of Canada, NAD83 Zone 9.

1.3 CCIC Qualifications

Caracle Creek International Consulting Inc. is an international consulting company with Head Operations based in Sudbury, Ontario, Canada. CCIC provides a wide range of geological and engineering services to the mineral industry. With offices in Canada (Sudbury and Toronto; Ontario, and Vancouver, British Columbia) and South Africa (Johannesburg), CCIC is well positioned to service its international client base.

CCIC's mandate is to provide professional geological and engineering services to the mineral exploration and development industry at competitive rates and without compromise. CCIC's group of professionals have international experience in a variety of disciplines and offer services that include:

1. Exploration Project Generation, Design and Management
2. Data Compilation and Exploration Target Generation
3. Property Evaluation and Due Diligence Studies
4. Independent Technical Reports (43-101)/Competent Persons' Reports
5. Mineral Resource/Reserve Modelling, Estimation and Audit, and Conditional Simulation
6. 3D Geological Modelling, Visualization and Database Management

Co-authoring this Report are Mr. Stephen Wetherup, Operations Manager for CCIC Canada's Western Division, and Erin O'Brien, Project Geologist for CCIC's Vancouver office. Mr. Wetherup is a geologist in good standing with the Association of Professional Engineers and Geoscientists of British Columbia (APEGBC #27770) and has been for 5 years. Mr. Wetherup has 10 years experience in the mineral exploration industry as an exploration geologist, specializes in structural geological mapping and interpretation and has written or co-written numerous NI43-101 compliant Independent Technical Reports. Ms. Erin O'Brien is a geologist in good standing with the Association of Professional Engineers and Geoscientists of British Columbia and has been for seven years. Ms. O'Brien has five years experience in the implementation and management of field exploration programmes. Certificates of Author are provided in Appendix 1.

2.0 PROPERTY LOCATION AND DESCRIPTION

2.1 Location

The Property is located approximately 90 km northeast of Smithers, British Columbia, Canada in the Omineca Mining Division, at 55°25' N and 126°20' W (NAD83, Zone 9: 668800 m E and 6144120 m N; Figures 2-1 and 2-2).

2.2 Description and Ownership

The Trail Peak Property consists of 16 contiguous concessions or mineral claims covering an area of approximately 5,287 hectares (Table 2-1; Figure 2-2).

Table 2-1. List of the mineral claims that comprise the Trail Peak Property.

Tenure Number	Claim Name	Owner	Map Number	Expiry Date	Area (ha)
534837	TRAIL PEAK 3	NXA Inc. (100%)	093M	02/06/2015	458.97
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583976	TRAIL PK 2	Stephen Wetherup (100%)	093M	04/04/2012*	440.79
Total					5,286.97

* - New expiry date once work applied from 2008 programme has been accepted

The entire area covered by the Property is Crown Land and as such permission to access the area is not required.



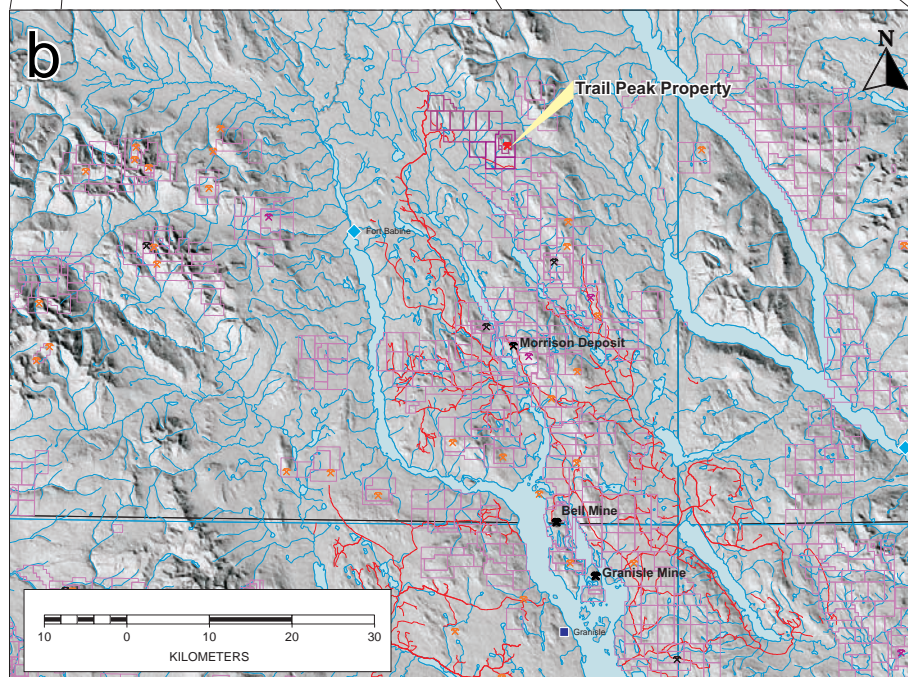
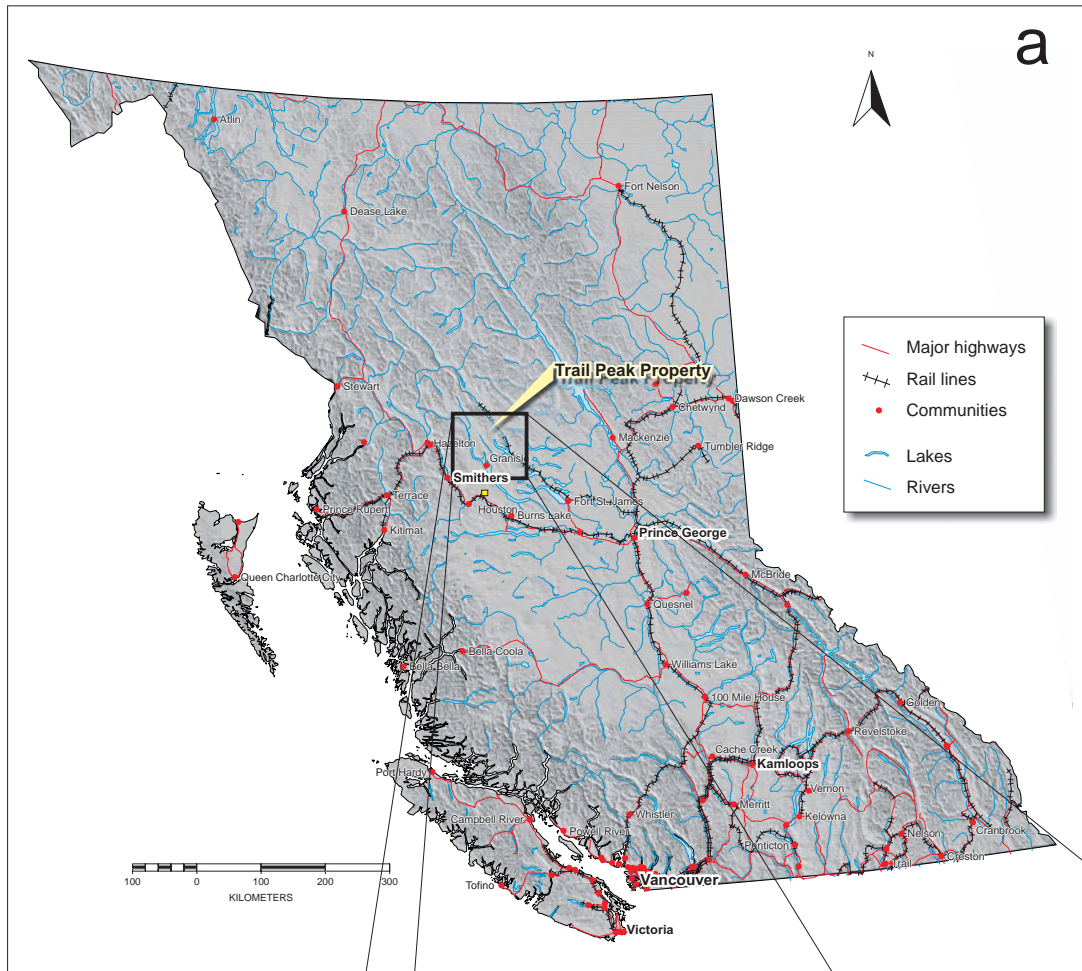
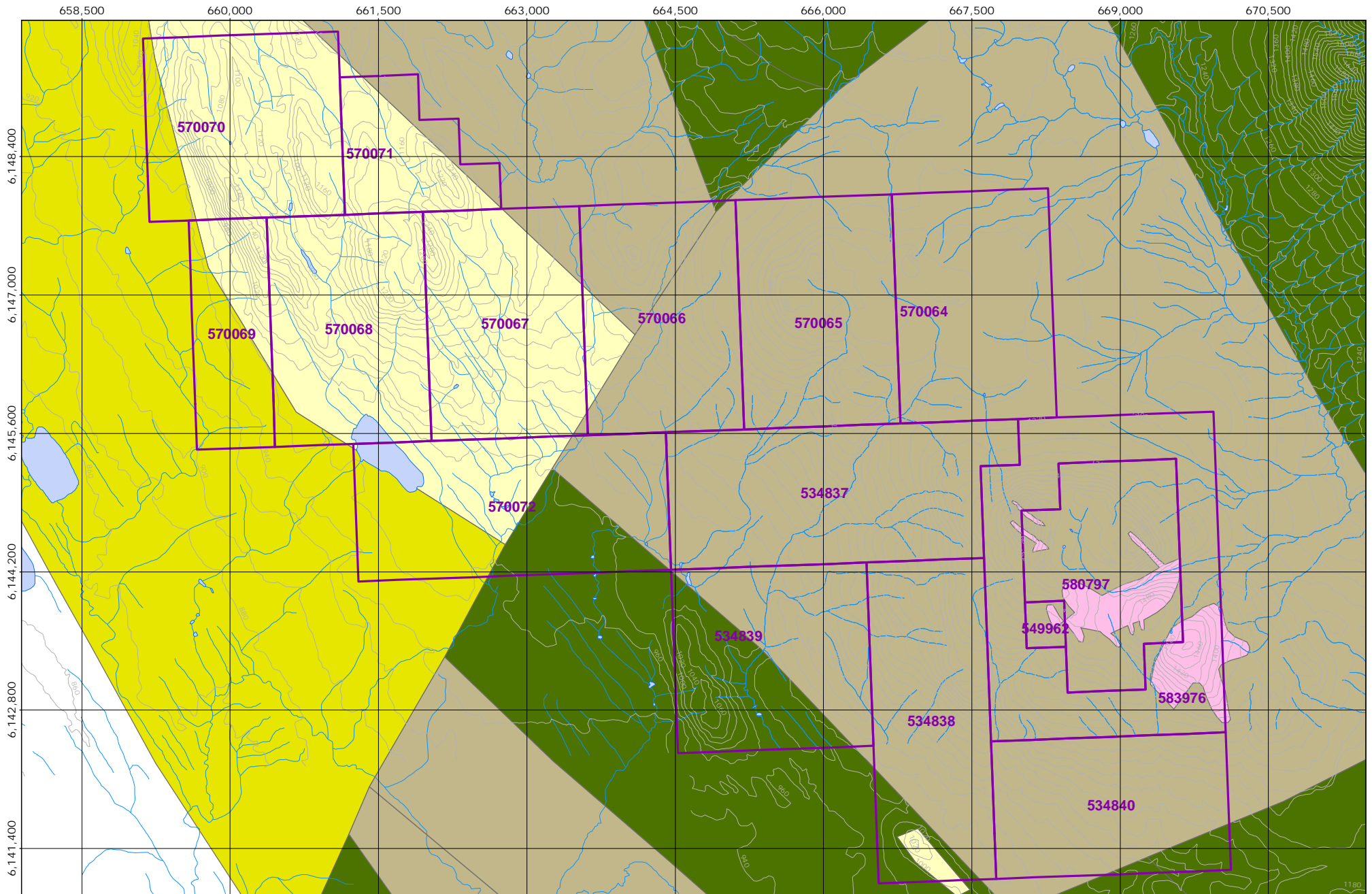


Figure 2-1. (a) Location of the Trail Peak Property within B.C., and (b) location of towns, highways and active and recently active mining operations in the local area around the Trail Peak Property.



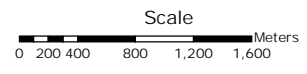
- Legend:**
- Trail Peak Claims
 - Contours
 - Rivers
 - Lakes

Regional Geology

- Nechako Plateau Group, Eocene
- Newman Formation, Late Cretaceous to Eocene
- Skeena Group, Early Cretaceous

Regional Geology (Continued)

- Bowser Lake Group, Middle to Late Jurassic
- Hazelton Group, Middle Jurassic
- Hazelton Group, Early to Middle Jurassic
- Hazelton Group, Early Jurassic
- Diorite and Biotite or Hornblende Fledspar Porphyry



**Caracle Creek
International Consulting Inc.**
Geological Consultants - Project Management

Author: gcn
Office: Vancouver
Date: 18/02/09
Scale: 1:52,000
Projection: NAD83, Zone 9 North

NXA INC.
Location of Mineral Claims,
Including Regional Geology,
Trail Peak Property,
Smithers, BC.

Figure: 2-2

3.0 ACCESSIBILITY, PHYSIOGRAPHY AND INFRASTRUCTURE

3.1 Access

The Property is located approximately 90 km northeast of Smithers BC, at approximately at 55°25' N and 126°20' W (NAD83, Zone 9: 668800 m E and 6144120 m N; Figures 2-1 and 2-2) on National Topographic System (“NTS”) map sheets 93M/08 W (Figure 2-1). It is about 45 km north of the Bell Copper Mine and within an area of active logging which extends northeast of Morrison Lake to the south and into the Nilkitwa River valley north of the claims. Vehicle access to the Property is via the Granisle Highway #118, from the Yellowhead Highway #16 at the Town of Topley. Approximately 45 km north of the town of Topley, and just a few kilometres north of Topley Landing, is the turnoff to the ferry to cross Babine Lake. The ferry is operated by a forestry-based private company. On the northeastern side of Babine Lake, a series of logging roads provides access to the western portion of the claims. A historical Cat trail can be used as a rough 4x4 road to access the area of the 2008 work program.

Trail Peak is immediately north of the historic Hudson's Bay trail linking Hazelton with the Omineca gold fields, and this route has been used in the past to walk bulldozers into the area from Fort Babine. A power line between Fort Babine and Takla Landing essentially parallels this route. All services required for any exploration programme or more advanced development work is readily available in Smithers, located about 90 km to the southwest. Recent logging roads provide road/trail access to within 4 km of the Property and trails can be established to take heavy machinery and drills into the Property.

3.2 Physiography

The Trail Peak Property is located on the Nechako Plateau at an elevation of approximately 1,300 m above sea level (“ASL”). The terrain in the Nechako Plateau is hilly with elevations ranging from approximately 1,000 m to 1,300 m ASL; however the Skeena Range, located about 5 km north of Trail Peak, is mountainous with elevations up to 1,700 m AMSL.

3.3 Infrastructure and Local Resources

The Town of Smithers, located about 90 km southwest of the Property, is the nearest significant population centre with about 5,500 people. Services in Smithers include hospital and medical facilities, dentists, pharmacy, restaurants, grocery stores, hotels, service stations and major automobile dealerships, banks, building supply centers and other small businesses. Other close population centres are Granisle (approximately 60 km southwest of the Property with approximately 300 people) and Topley (approximately 100 km south of the Property with approximately 120 people).

The workforce in the area is generally employed by the forestry and tourism industries. As many as 230 people work at the Huckleberry Mine live in the Houston area. People in the area are generally supportive of potential mining employment and a local supply of unskilled labour is readily available.

Currently, two operating mines are found in the region:

1. Huckleberry, Cu-Mo, Au Porphyry Mine: operated by Imperial Metals Corp., is approximately 123 road kilometres from Houston or 153 km from Topley. Most of its

- work force lives in the Bulkley Valley communities' of Houston, Smithers, Topley and Burns Lake.
2. Endako Mo Porphyry Mine: approximately 100 km east-southeast of Topley, and serviced by the towns of Fraser Lake and Prince George, BC.

These mining operations have operating mills and ship most of their concentrates through the deep water port in Stewart, BC, located approximately 400 km west-northwest of Topley, along paved roads, to smelters in Asia.

The Granisle Highway and a high-tension electric transmission line were originally built to service the Town of Granisle, located approximately 60 km south of the Property; and the Bell Cu and Granisle Cu-Au-Ag mines. These mines operated from 1972-1992 and 1966-1982, respectively. Some of the mining infrastructure still exists on the Bell Cu mine site.

4.0 EXPLORATION HISTORY

Previous work on the Trail Peak property was first completed by Texas Gulf Sulphur Company in 1968. Several geophysical and geochemical surveys were completed on the property by previous operators from 1968-1996. Table 4-1 summarizes the exploration activity done on the property as reported in BC assessment reports.

1968 Texas Gulf Sulphur Company

In 1968 a reconnaissance vertical loop electromagnetic survey on the CAVZ claims was done by Texas Gulf Sulphur Company. The purpose of the survey was to see if conductors were present on the property. Results yielded one Northwest- Southeast conductor of medium strength between 288E and 304E grid lines (Watson and Russell, 1968).

A geochemical survey was also completed in 1968. A grid totaling 35 line miles with 400 ft line spacing was cut. Soil sampling was done at 200ft intervals in areas of high priority and at 400ft in areas of low priority. A total of 679 soil samples were sent to Barringer Research Ltd. in Toronto for analysis. Due to the variation in the soil conditions the copper distribution was erratic (McLeod and Russell, 1968).

Prospecting and a detailed geological report were completed by C. McLeod and JR Loudon. They concluded area showed favorable rock types and structures but the Copper anomaly source was yet to be determined. They noted the occurrence of pyrite, pyrrhotite and minor chalcopyrite. Magnetite and hematite were also observed. Chalcopyrite was observed along a north-easterly fault (McLeod and Russell, 1968).

A magnetometer survey was completed by Texas Gulf Sulphur Company. The magnetic anomalies were concluded to be due to a series of narrow dykes generally trending northwest and a large intrusive mass, likely a diorite. The only correlation between magnetic survey and geology is the biotite-hornblende-feldspar porphyry unit that is a nearly continuous magnetic trend continuing from 240N on line 356E in a northwestern direction to 296N on line 300E (Podolsky and Russell, 1968).

In 1969, ten shallow inclined holes approximately 60-75 m in length were drilled in the western trench area (Carter, 1990).

Between 1969 and 1975 the Texas Gulf Company completed 3600 m of trenching and 12 diamond drill holes totaling 1086 m (Lisle, 1996).

1975 Texasgulf Inc.

Two diamond drill holes were drilled by Texasgulf Inc in 1975. Diamond drill hole 11-75 was 1118' and hole 12-75 was 432' in length. Biotite-feldspar-porphyry was the main rock type encountered. Mineralized sections showed chalcopyrite as fracture filling and fine disseminations in the assayed range of 0.15% copper (DeLancy, 1975).

1989-1995 N. Carter

During the 1989 field season N. Carter and Teck Explorations Ltd conducted a mapping and rock sampling program. Rock samples were taken from the 1969 trenches including bedrock and drill core samples. The results showed widespread copper mineralization associated with the Babine porphyry intrusions. The samples collected marginal to the east-northeast tourmaline-rich fault zone gave interesting gold values (Carter, 1990).

Re-sampling of the old drill core was done in 1992 field season. A total of 38 samples were collected from holes containing good copper grades and were assayed for gold and 31 major and trace elements (Lisle, 1996). During this field season two 450 m lines approximately 150 m apart were completed yielding 19 soil samples at 50m intervals and 2 rock samples (Carter, 1993). Results indicated a northwest trending zone of undetermined size containing +100 ppm Cu and +10 ppb Au values (Carter, 1993). In 1994, a soil sampling programme was completed to follow up the 1992 anomalous zone. No results were reported (Lisle, 1996).

1996 Hera Resources

In 1996 Hera Resources cut 25.8 line-km to provide a grid for geophysical IP and magnetic surveys and geochemical soil survey. The results suggested an area of alteration in the southwest part of the grid resulting in a high amount of pyrite and magnetite. The central grid area resulted in less intense alteration with magnetite and low pyrite. The soil survey totaled 1096 samples which results showed high values of copper and gold that were associated with areas of tourmaline and silica alteration (Lisle, 1996).

2007 NXA Inc.

In 2007, NXA Inc. completed line cutting and soil sampling along seven 400 m spaced grid lines for a total of 12 line km. A discussion of the 2007 results are combined with the 2008 programme and is included in Section 8.

Table 4-1. Summary of exploration history on the Trail Peak Property.

Year	Company	Exploration Activity
1968-1975	Texas Gulf Sulphur Company	EM and Mag Survey Geochemical Survey-Soil Trenching- 3600 m Drilling-12 long, 10 short holes Prospecting
1975	Texasgulf Inc.	Drilling-2 holes
1989-1995	N. Carter and Teck Exploration Inc.	Mapping Rock Sampling Re-sampling of old drill core
1996	Hera Resources	IP and Mag Survey Geochemical Survey-Soil
2007	NXA Inc.	Line Cutting Geochemical Survey-Soil

5.0 GEOLOGICAL SETTING

5.1 Regional Geology

The Trail Peak Property is located in Intermontane Belt of British Columbia on the Stikine volcanic arc Terrane. The Terrane consists of the following groups (MacIntyre *et al.*, 1987):

Hazelton Group (Early to Middle Jurassic):	andesitic volcanic and volcanoclastic rocks and related marine sedimentary rocks
Takla Group (Middle to Late Triassic):	augite basalt, andesite, and related marine sedimentary rocks
Asitka Group (Carboniferous to Permian):	island arc metavolcanic rocks and limestone

These rocks are best exposed in the Skeena Arch. The accretion of the Stikine terrane occurred in the Middle Jurassic. Post-accretionary rocks overlying the Stikine terrane (and the Skeena arch) include the Late Jurassic Bowser Lake and the Early Cretaceous Skeena Groups (fluvial and deltaic sedimentary rocks) in the northwest; Late Cretaceous to Early Eocene Kasalka Group (porphyritic andesite, basalt, rhyolite and related pyroclastic rocks); and the Bulkley plutonic suite in the west. In the Babine Lake area where the Trail Peak Property is located, the Early Eocene Newman Formation (porphyritic andesite flows) overlies the terrane and the Babine Lake suite plutons intrude it. In the south, the Nanika plutonic suite intruded the terrane.

The Ashman Formation of the Bowser Lake Group hosts the mineralization at the Trail Peak Property. The Bowser is sub-divided into two formations:

- Ashman Formation: (a) fine-grained shale
(b) lesser amounts of feldspathic to quartzite siltstone

Trout Creek Formation: coarse sandstone and conglomerate beds

The Babine Intrusions from the Eocene Babine Igneous Suite are described as small plugs and dikes of crowded biotite \pm hornblende feldspar porphyry, quartz \pm biotite feldspar porphyry and equigranular hornblende-biotite granodiorite to quartz diorite (MacIntyre, 1998). They occur as multi-phased intrusive centres along a northwest trending belt that extends from the south in the Fulton Lake area and to the north to Trail Peak.

Structurally, the area is part of basin-and-range type horst and graben structures. Westward imbricate faulting marks terrane boundaries and is offset by complex Late Cretaceous to Eocene high-angle faults. In addition, broad open folds occur in the area.

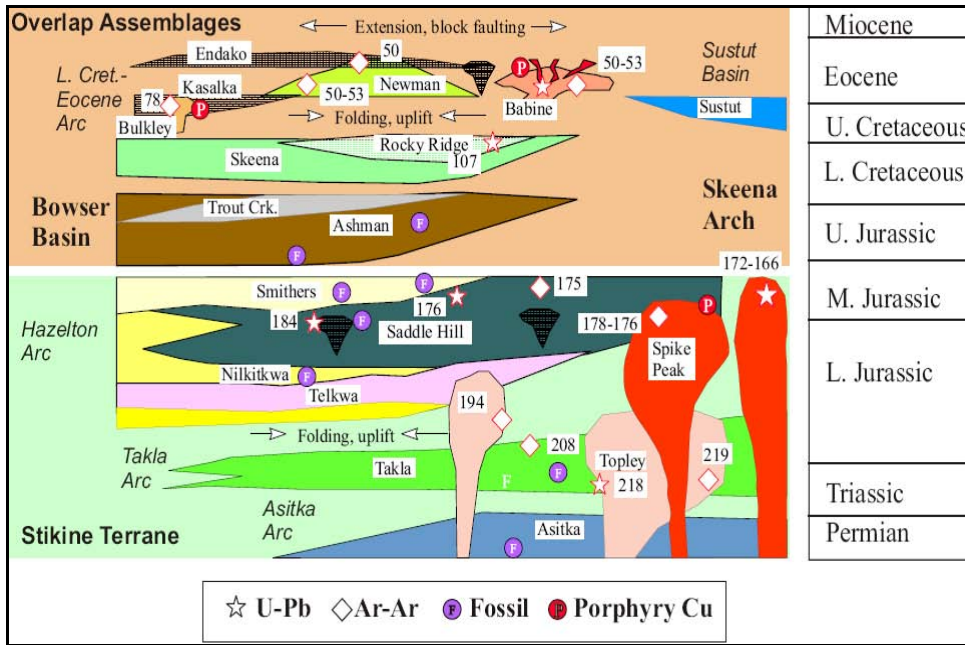


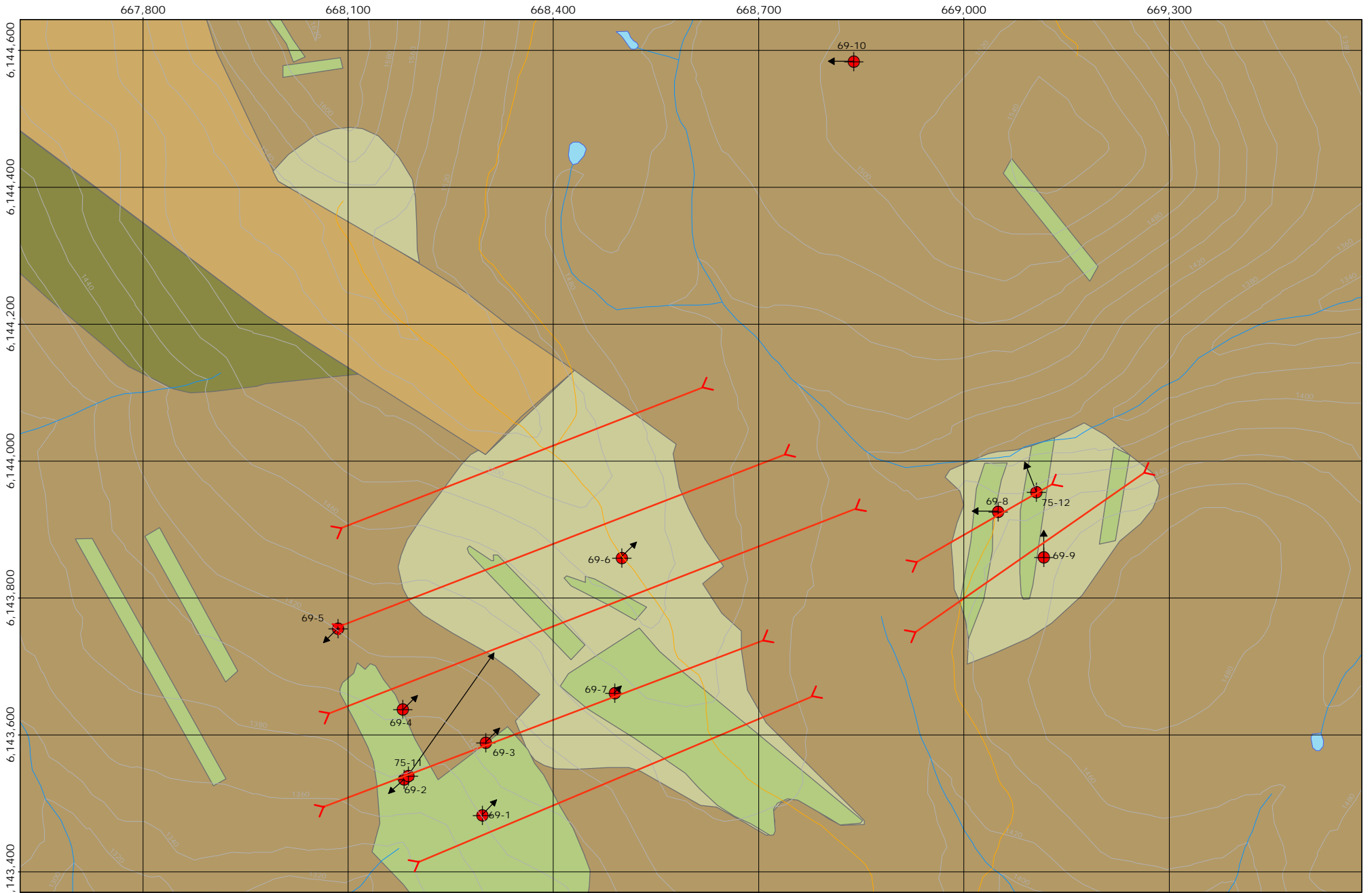
Figure 5-1. Schematic representation of geological units in the Skeena Arch (MacIntyre, 2005).

5.2 Property Geology

The area is underlain by pyritic siltstone, sandstone and andesitic crystal lithic tuff of the Middle to Upper Jurassic Ashman Formation (Bowser Lake Group). The bedded rocks are intruded by granodiorite and diorite plugs and dikes of the Late Cretaceous Bulkley Intrusions, and northwest-striking dikes and plugs of biotite feldspar and biotite hornblende feldspar porphyry of the Eocene Babine Intrusions. The largest of the Babine Intrusions on the property is a biotite-feldspar porphyry stock that covers an area of 500 x 800 m. There are several areas of Eocene Newman volcanic rocks in the near vicinity which are considered the extrusive equivalents of the Babine Igneous Suite.

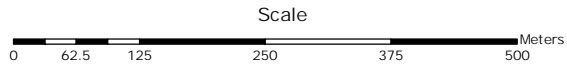
The Babine Igneous Suite are of primary interest as these commonly host porphyry Cu-Au-Mo mineralization and the Trail Peak area appears to be the northern-most of the Babine Igneous Suite, although the presence of Newman volcanic rocks to the north suggest there may be more Babine Intrusions to the north.

The regional geology for the claims area is shown in Figure 2-2. A schematic generalized geological plan map showing the Property geology is provided in Figure 5-2.



- Legend:**
- Trench Locations
 - Local Roads
 - Drainage
 - Contour
 - Drill Hole Trace
 - Drill Hole 1969-1975

- Local Geology**
- Hornblende-feldspar porphyry
 - Biotite-feldspar porphyry
 - Diorite, monzonite
 - Andesite Crystal-lithic tuff
 - Black siltstone



Caracle Creek
International Consulting Inc.
Geological Consultants - Project Management

Author: gcn
Office: Vancouver
Date: 18/02/09
Scale: 1:7,500
Projection: NAD83, Zone 9 North

NXA INC.
Generalized Geology, including,
Drillhole Traces and Trenches,
Trail Peak Property,
Smithers, BC.

Figure: 5-2

6.0 DEPOSIT TYPE

The area of the Skeena Arch is one of the best mineralized areas of British Columbia (MacIntyre, 2006). It hosts a plethora of deposit types including polymetallic base and precious metal veins; porphyry, epithermal and skarn deposits; sedimentary exhalative (“SEDEX”) and volcanogenic massive sulphide (“VMS”) deposit types.

The most common deposit types in the area are porphyry deposits, polymetallic base metal veins and the subvolcanic Cu-Ag-Au (As-Sb) deposit type. These and other deposit types are described by the British Columbia Mineral Deposit Profiles (www.em.gov.bc.ca/mining/Geosurv/MetallicMinerals/MineralDepositProfiles/).

Intrusions on the Trail Peak Property are thought to be Eocene in age and appear very similar to intrusions belonging to the Babine Igneous Suite intrusions. Furthermore, on the Property and in the immediate area Newman Formation volcanic rocks occur which are interpreted to be the extrusive counterparts of the Babine Suite due to their similar Eocene age and geochemical signatures. Hence, the Trail Peak prospect appears to be the north most known of the Babine Porphyry mineralization in the Babine Porphyry Belt. Several notable examples of Babine Porphyry deposits and include the Granisle and Bell Porphyry deposits totaling ~ 130 MT of 0.40% Cu, 0.15 g/t Au and 0.75 g/t Ag as well as the Morrison Deposit which has ~86 MT of 0.45% Cu and 0.26 g/t Au.

Trail Peak is surrounded by several similar developed prospects; the most noteworthy are the Hearne Hill and Morrison Properties. A summary of the near-by properties can be found in Table 6-1 below.

Hearne Hill

Hearne Hill is approximately 70 km northeast of Smithers. The property is underlain by northwest-trending massive andesite flows, tuffs and epiclastic sedimentary rocks of the Lower to Middle Jurassic Telkwa Formation (Hazelton Group). These are in fault contact with greywacke, argillite and conglomerate of the Jurassic to Cretaceous Ashman Formation (Bowser Lake Group). A small diorite to quartz diorite stock of the Triassic to Early Jurassic Topley Intrusions has intruded the layered rocks and is in turn intruded by a small biotite feldspar porphyry plug and associated northeast-trending dike swarm of the Eocene Babine Intrusions.

Porphyry copper-style, fracture-controlled and disseminated chalcopyrite, bornite and minor molybdenite mineralization, estimated to average 0.2 per cent copper (Assessment Report 20084), is found in highly fractured "hybrid diorite" and in the porphyry plug. A breccia pipe, approximately 50 by 60 metres in size, cuts the porphyry copper mineralization and is mineralized with chalcopyrite. One drill hole in the breccia pipe assayed 2.75 per cent copper across 22.9 m (<http://minfile.gov.bc.ca/Summary.aspx?minfilno=093M++006>).

The Bland and Chapman zones contain an indicated resource of 4,230,000 tonnes grading 0.6 per cent copper and 0.186 grams per tonne gold, at a 0.3 per cent copper cut-off; and an inferred resource of 947,000 tonnes grading 0.408 per cent copper and 0.183 grams per tonne gold, at a 0.3 per cent copper cut-off (<http://minfile.gov.bc.ca/Summary.aspx?minfilno=093M++006>).

Morrison

The Morrison deposit is located 21 km north of the Bell mine (093M 001), north Babine Lake, and 86 km east of Hazelton. The Morrison is a strongly zoned, annular porphyry copper deposit that is largely within the multiphase porphyry plug. The Morrison deposit, and its concentric sulphide-silicate alteration zones, was formed during a single hydrothermal episode that followed the emplacement and crystallization of most of the phases of the biotite-hornblende-plagioclase porphyry plug (<http://minfile.gov.bc.ca/Summary.aspx?minfilno=093M++007>). Measured plus indicated reserves were determined by E. Kimura, P.Geo., to be 12.4 million tonnes at 0.53 per cent copper, 0.26 grams per tonne gold (at 0.3 per cent copper cut-off and 0.75 strip ratio) in a starter pit, within an ultimate pit with 62.1 million tonnes grading 0.46 per cent copper, 0.22 grams per tonne gold (at 0.3 per cent copper cut-off and 1.15 strip ratio) (Wojdak, 2003).

Table 6-1. Summary of deposits located near Trail Peak Property.

Deposit Name	Deposit Type	Status
Morrison	Porphyry Cu +/- Mo +/- Au	Developed Prospect
Fireweed	Sedimentary exhalative Zn-Pb-Ag and Subaqueous hot spring Ag-Au	Developed Prospect
Hearne Hill	Porphyry Cu +/- Mo +/- Au	Developed Prospect
Dorothy	Porphyry Cu +/- Mo +/- Au	Developed Prospect
French Peak	Subvolcanic Cu-Ag-Au (As-Sb) and Polymetallic veins Ag-Pb-Zn+/-Au	Developed Prospect
Nak	Porphyry Cu +/- Mo +/- Au	Developed Prospect
Wolf	Porphyry Cu +/- Mo +/- Au	Prospect
MR	Cu+/-Ag quartz veins	Prospect

7.0 MINERALIZATION

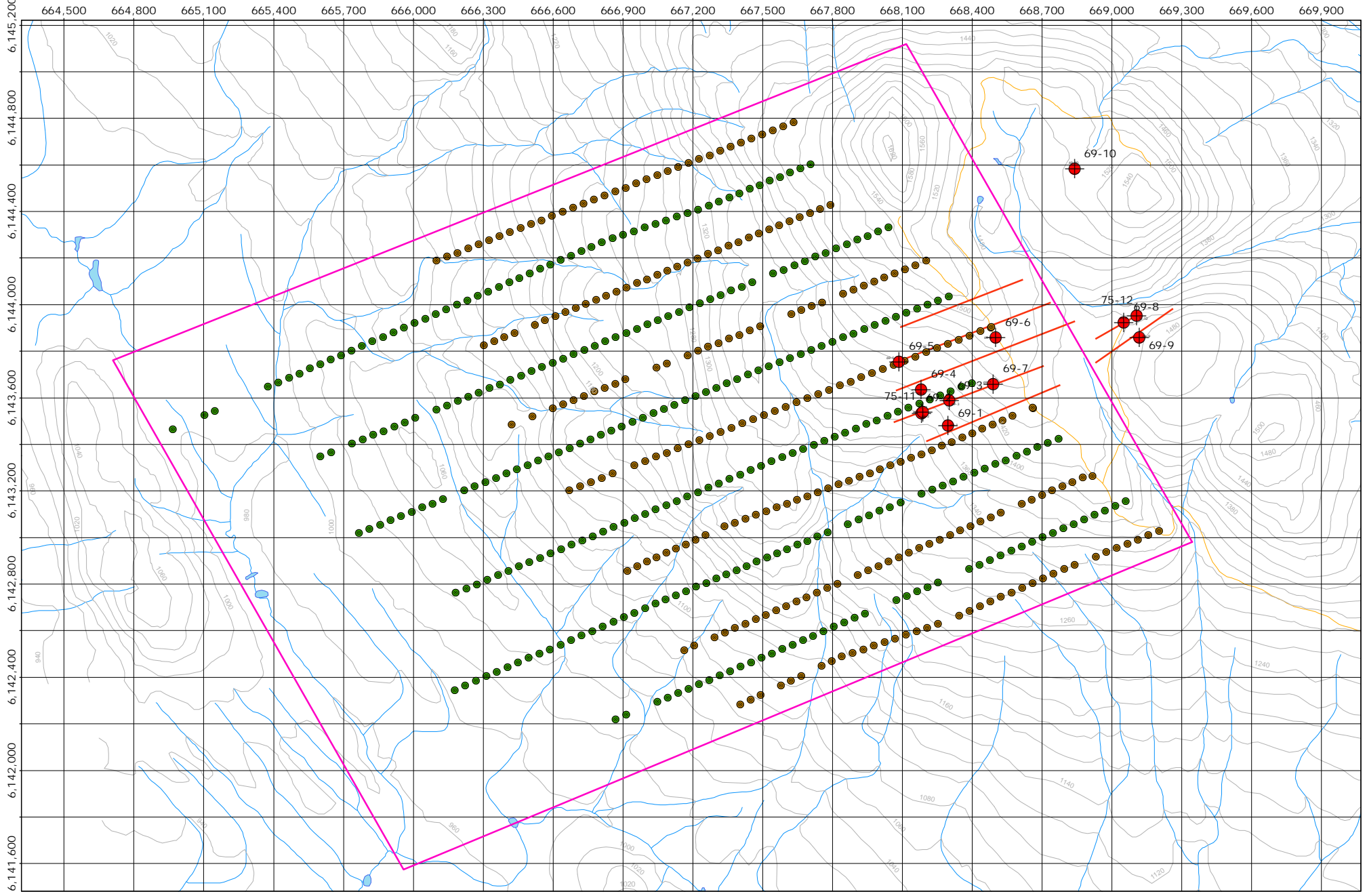
Previous work on the property has shown that copper (chalcopyrite) mineralization is disseminated or as fracture filling and in quartz veinlets with or without chlorite and magnetite. The copper mineralization of potential interest is associated with the biotite-(hornblende)-feldspar porphyry dykes of the Babine Igneous Suite. Pyrite, chalcopyrite and minor bornite ± magnetite is present within and near the dykes. Some mineralized areas are marked by secondary biotite, less potassic feldspar and locally by clay and silica alteration (Lisle, 1996).

Sedimentary rocks in the area are commonly mineralized (trace to locally 10%) with finely disseminated and fracture controlled pyrite and very fine disseminated pyrrhotite.

8.0 EXPLORATION

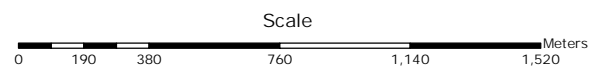
8.1 Exploration Programme

The 2008 exploration programme was implemented and managed by CCIC and included including line cutting, soil sampling and an IP and magnetometer geophysical surveys. The work commenced on June 6, 2008 and was completed on July 21, 2008. Figure 8-1 presents the location of the 2008 geophysical survey and the 2007 and 2008 soil geochemical survey.



Legend:

- Drill Hole 1969-1975
- 2007 Soil Samples
- 2008 Soil Samples
- Geophysical Grid Extent
- Trench Locations
- Contours
- Local Roads
- Drainage



Caracle Creek International Consulting Inc. Geological Consultants - Project Management	
Author: gcn Office: Vancouver Date: 18/02/09 Scale: 1:22,000 Projection: NAD83, Zone 9 North	NXA INC. 2008 Geophysical Grid, 2007/2008 Geochemical Soil Grid, Historical Drillholes and Trenching, Trail Peak Property, Smithers, BC.
Figure: 8-1	

A summary of the 2008 exploration activities is as follows:

1. Property visit by Erin O'Brien (P.Geo.) to complete cursory prospecting of the outcrop and old workings.
2. Line cutting of 25 line km.
3. Soil sampling along the exploration grid (315 samples collected for analyses).
4. IP and magnetometer geophysical surveys each 37.2 km.

8.2 Geophysical Surveys

An IP and magnetic survey was conducted on the Property in June and July 2008 by Scott Geophysics Inc. The geophysical report and maps are presented in Appendix 2. The survey was conducted on thirteen grid lines spaced 200 m apart and stations spaced every 25 m. A total of 37.2 line km of IP and mag were completed.

The magnetometer survey shows a northwest trending magnetic high measuring approximately 900 m by 800 m in the area of the known mineralization and extending to the north and west. The mag high may indicate the presence of intrusive porphyries (*i.e.*, biotite or hornblende feldspar porphyries) or granitic to dioritic stocks. The extent of the mag high is about 800 m north and westward of the known mineralization. This indicates the potential for mineralization to occur in these areas.

Also partially coincident with the known zones of mineralization, is a large chargeable high measuring approximately 2 km north-south and 1.5 km east-west. This large chargeability high suggests sulphide mineralization extending north and west of the known mineralization.

A weak resistivity low (conductive high) measuring 700 m by 300 m also coincides with the centre of the mag and chargeability high and may also indicate the presence of sulphide mineralization.

The geophysical survey has identified several geophysical targets that merit additional investigation.

8.3 Soil Geochemical Survey

Geochemical soil sampling programs were completed in by other workers in the late 1960s and in 1996 over the peak area and showed that anomalous Cu in soils occur on the west side of the grid area. An orientation geochemical soil sampling programme was conducted in 2007 over the areas known to contain mineralization, and beyond by several hundreds of metres to the west to characterize the soil geochemical signature of the mineralization. A total of 186 samples were collected during the 2007 programme. The overburden on the Property is dominantly basal till, so some glacial dispersion will occur in the down-ice direction (south-easterly).

The 2008 soil sampling program was carried out by CJL Enterprises Ltd. from Smithers, BC. The programme was conducted along the exploration grid lines with "B-horizon" soil samples collected every 50 metres along six grid lines from L102N to L122N between stations base line 100W to a maximum of 130W. In 2008, a total of 315 samples were collected along 24 line km

and submitted for 37 element ICP-MS analysis. Results for the 2008 soil sample programme were combined with 2007 data. Sample plan maps for the combined data and assay certificates for the 2008 data are provided in Appendices 3 and 4, respectively.

Table 8-1 provides a statistical summary of selected elements from the geochemical analyses of the 315 soil samples collected in 2008 combined with 258 soil samples collected by CCIC in 2007 (partially reported in Wetherup and O'Brien, 2008). The elements chosen represent the economically significant metals present in the mineralized zones and other metals associated with the mineralization. Background levels (<75th percentile) of all the metals analysed are generally low. However, copper and silver analyses display a high standard deviation within the soils suggesting there are statistically anomalous values within the data. Bubble plots for the two mobile elements of interest, copper and molybdenum are presented in Appendix 3.

The 2007 and 2008 geochemical soil surveys conducted on the Property has identified a suite of metals which are mobile in the soil and are indicative of bedrock mineralization at depth. This survey has extended the anomalous area westward of the known mineralization in an area which is completely covered by glacial overburden and has yet to be tested by historical exploration programs. The soil survey appears to have been successful at identifying bedrock mineralization and a drilling programme is advised to test coinciding geophysical and geochemical anomalies.

Table 8-1. Summary of the statistical analysis for selected elements, 2007 and 2008 soil geochemical surveys.

	Mo (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Ag (ppb)	Au (ppb)
Max	17.4	4709.4	153.4	2069	5121	631.3
Min	0.5	1.9	0.8	10	0.05	0.1
Mean	1.72	59.48	16.78	160.88	253.45	3.55
Std Dev.	1.61	279.16	9.97	160.07	497.36	29.44
95 %ile	2.9	113	29.104	358.45	1296.2	5.64
90 %ile	2.323	76.103	23.851	263.3	679.4	3.3
75 %ile	1.72	42.6	18.82	172	315	1.7
50 %ile	1.4	24.2	15.2	121.9	1	0.9
25 %ile	1.14	16.4	12.025	93.15	0.3	0.3

9.0 INTERPRETATION AND CONCLUSIONS

Geographically, the Trail Property is well situated with good road access, in a favourable geologic belt and with several recently operating mines in the immediate area. CCIC completed an exploration programme that included creating an exploration grid through line-cutting and soil sampling, reconnaissance prospecting and compilation and interpretation of available historical data.

A geochemical soil survey over part of the historical work has demonstrated the presence of a multi-element (Cu-Mo) soil anomaly, and has successfully extended this anomaly westward of the known mineralization.

The IP and Mag surveys were completed on the grid area to better define the outlines of the porphyry. Given the coinciding geochemical and geophysical anomalies, the project is now drill-ready. IP has been used successfully on other Babine intrusions to define the mineralized zones. With favourable geology and in a known past-producing belt, the Property has excellent potential

for further discovery, both in expanding the extents of the known zones of mineralization and finding additional zones of mineralization.

10.0 RECOMMENDATIONS

10.1 Proposed Work Program

The geochemical and geophysical surveys defined a multi element soil geochemical anomaly coinciding with a magnetic and chargeability high. A drill programme is recommended to test the anomaly. This programme should consist of a minimum of 2,000 m (ten 200 m drill holes). The estimated cost to complete the 2,000 m programme is \$475,000.

Prospecting and mapping should also be completed over the northern portions of the claims area. An estimated field budget of approximately \$35,000 is recommended.

11.0 2008 EXPLORATION EXPENDITURES

The 2008 exploration programme cost approximately \$220,178, as summarized in Table 11-1. The area of the 2008 exploration grid on the property is shown in Figure 4-1.

Table 11-1. Summary of exploration expenditures for 2008 programme.

Work Category/Contractor	Details	Dates - 2008	No. Units	Units	*Unit Cost	Amount
Accommodation and Food						
CJL -Camp Charges		June - July	6.5	weeks	\$1,050.00	\$4,200.00
CJL -Fuel & propane	PetroCanada and Chevron					\$4,966.00
CJL -Food	various	June - July				\$8,850.00
CJL - building supplies	various	June - July				\$3,151.00
CCIC	Food	June - July				\$53.66
Vehicle and Travel						
CJL	Truck Rental	June 9 - 25	10	days	\$176.50	\$1,765.00
CJL	Truck Rental	June 6 - 30	25	days	\$75.24	\$1,881.00
CJL	Truck Rental	June 19 - July 14	32	days	\$199.90	\$6,396.75
CJL	Barge Charges	June and July				\$6,310.50
CJL	Towing	July 11				\$1,228.50
CJL	Quad rental	June 9 - 25	2.5	weeks	\$500.00	\$1,250.00
Scott Geophysics	4 x 4 Crew Cab	June 17 - July 12	25.5	days	\$136.50	\$3,480.75
Scott Geophysics	4 x 4 Suburban	June and July	4	days	\$136.50	\$546.00
CCIC	Helicopter					\$4,172.70
Field Labour						
CJL (S. Nelson)	Carpenter's helper	May 30 - June 11	6	days	300	\$1,800.00
CJL (J. Anderson)	Construction	June 7 - 13	6.5	days	450	\$2,925.00
CJL (B. Thomas/ W. Lafontaine)	Carpenter's helper	June 9 - 11	6.5	days	370	\$2,405.00
CJL (R Abraham)	Line cutting	June 15 - 28	12	days	300	\$3,600.00
CJL (R Abraham)	Line cutting	June 29 - July 9	11	days	\$280.00	\$3,080.00
CJL (R. Aslin)	Line cutting	June 29 - July 9	12.5	days	\$280.00	\$3,560.00
CJL (R. Bruce)	Carpenter	July 11	1	days	\$465.00	\$465.00
CJL (K. Heyward)	Cook	June 8 - July 12	35.5	days	\$465.00	\$16,507.50
CJL (L. Michelle R. Reid and J. Wilson)	Line Cutting	June 29 - 30	45	days	\$300.00	\$13,500.00
CJL (R. West)	Line Cutting	June 10 - 16	6	days	\$325.00	\$1,950.00
CJL (C. Williams)	Line Cutting	June 10 - 30	21	days	\$420.00	\$8,820.00
CJL (R. Zilkowski)	Camp Manager	June 6 - July 14	38.5	days	\$370.00	\$14,245.00
CJL (C. Cole and E. Laktin)	Line Cutting	July 14	2	days	\$285.00	\$570.00
CJL (Konschuh Cole and Bruce)	Driver	June 19 to July 14	4	days	\$300.00	\$1,200.00

CJL (Batling Consulting)	First Nation Liaison	Jun-15	1	days	\$1,000.00	\$1,000.00
CJL	Expediting	June and July	79.25	hours	\$52.50	\$4,160.63
Scott Geophysics (Crew chiefs and IP equipment)	IP and Mag geophysical surveys	June 17 - July 12	25	days	\$1,512.00	\$37,800.00
Scott Geophysics (assistants)		June 17 - July 12	80.5	days	\$241.50	\$19,440.75
CCIC-Project Geologist (E O'Brien)	Site visit and PM	May 22 Sep 15	8.5	days	\$840.00	\$7,140.00
Equipment Rental						
CJL	trailer rental	June - July	3	days	\$75.00	\$225.00
CJL	Chain saw rental	June 7 - July 12	70	days	\$50.00	\$3,675.00
CJL	Sat phone first aid rental	June - July				\$914.03
Geophysical Survey						
Scott Geophysics Ltd.	Magnetometer Survey	June - July	37.2	km	\$189	\$7,030.8
Geochemical Analysis						
Acme Analytical Labs	Soil samples		315	samples	\$29.47	\$9,283.40
Field Expenses and Supplies						
CJL	markers etc	June - July				\$60.34
CJL	flagging, bags etc	June - July				\$1,044.63
Scott Geophysics	Field Supplies, meals, fuel	June - July				\$2,716.35
Report Writing						
CCIC-Project Geologist (E O'Brien)	Filings	Nov 23-Dec 6	1.25	days	\$840.00	\$1,050.00
CCIC-Project Geologist (G Nixon)	Drafting	Sept 15 - 16	2	days	\$693.00	\$1,386.00
Scott Geophysics	Color maps/report	July 18				\$305.00
Courier/Shipping and Office						
Shipping						\$67.29
CCIC	Digital topographic	Sept 15				\$426.00
Total						\$220,178.58

*utilizes some average unit costs

12.0 STATEMENT OF AUTHORSHIP

This Report titled "Assessment Report, Trail Peak, British Columbia, Canada," and dated February 20, 2009 was prepared and signed by the following authors:

"S. Wetherup"

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Dated February 20, 2009
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APPENDIX 1

CERTIFICATE OF AUTHORS





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CERTIFICATE OF AUTHOR

I, Stephen William Wetherup of 34176 Cedar Avenue, Abbotsford, British Columbia, certify that:

1. I am a graduate of the University of Manitoba with a BSc. Honours in Geology, in 1995;
2. I have practiced my profession as an mineral exploration geologist with Fox Geological Services, Phelps Dodge Corp. of Canada and as a geological consultant, for 13 years, where I have been involved with the geological exploration of precious and base metal properties and deposits in a variety of capacities, including conducting site visits and evaluations;
3. I have been operating a business as a geological consultant under my own name since June, 2001, and under the name of Caracle Creek International Consulting Inc. since March 2004;
4. I am a member of the Society of Economic Geologists, Geological Association of Canada, and the Vancouver Mining Exploration Group;
5. I am a Professional Geoscientist registered with the Association of Professional Geoscientists and Engineers of British Columbia and have been for 7 years;
6. I am a “qualified person” under the definition for “qualified persons” set out by NI43-101;
7. I last visited the Trail Property between October 13-14, 2007;
8. I am a co-author of this Assessment Report “Assessment Report: Trail Peak Property, Omineca Mining Division, British Columbia, Canada” dated February 20, 2009;
9. I have reviewed the geological data and am not aware of any material facts or change in facts at the time this certification is dated;
10. I have read the TSX Venture Exchange policy documents, National Instrument 43-101, Companion Policy 43-101CP, and Form 43-101F1 and the Report has been prepared in accordance to the standards set out by the aforementioned documents.

_____ signed _____
Stephen William Wetherup,
BSc., P.Geo.

Abbotsford, British Columbia
Dated this 20th Day of February, 2009



Caracle Creek International Consulting Inc.

Erin Kathleen O'Brien
1735 East 15th Ave.
Vancouver, British Columbia, Canada, V5N 2G2
Telephone: 604-637-2050, E-mail: eobrien@cciconline.ca

CERTIFICATE OF AUTHOR

I, Erin Kathleen O'Brien of 1735 East 15th Ave., Vancouver, British Columbia, certify that:

1. I am a graduate of McGill University of Quebec with a B.Sc. Joint Major in Geology and Environmental Studies, in 1994 and a M.Sc. in Geology from the University of New Brunswick in 1996;
2. I have practiced my profession as a mineral exploration or environmental geologist with Golder Associates, Morrow Environmental Consultants Inc. and as a geological consultant for 13 years, where I have been involved with the geological exploration of precious and base metal properties and deposits in a variety of capacities;
3. I have been operating a business as a geological consultant under my own name since 1996, and have been working for Caracle Creek International Consulting Inc. since May 2008;
4. I am a Professional Geoscientist registered with the Association of Professional Geoscientists and Engineers of British Columbia and have been for 8 years;
5. I last visited the Trail Peak Property on July 21, 2008;
6. I am a co-author of this assessment report "Assessment Report: Trail Peak Property, Omineca Mining Division, British Columbia, Canada" dated February 20, 2009;
7. I have reviewed the geological data and am not aware of any material facts or change in facts at the time this certification is dated;
8. I have no monetary interest in the property nor do I own or expect to receive interest in NXA Inc.;
9. I have read the TSX Venture Exchange policy documents, National Instrument 43-101, Companion Policy 43-101CP, and Form 43-101F1 and the Report has been prepared in accordance to the standards set out by the aforementioned documents.

_____ signed _____
Erin Kathleen O'Brien
M.Sc., P.Geo.

Vancouver, British Columbia
Dated this 20th Day of February, 2009

APPENDIX 2
GEOPHYSICAL REPORT AND MAPS
SCOTT GEOPHYSICS INC.



LOGISTICAL REPORT
INDUCED POLARIZATION AND MAGNETOMETER SURVEYS
TRAIL PEAK PROPERTY, BABINE LAKE AREA, B.C.

on behalf of

CARACLE CREEK INTERNATIONAL CONSULTANTS
1409 – 409 Granville Street
Vancouver, B.C. V6C 1T2

Surveys performed: June 18 to July 11, 2008

by

Alan Scott, Geophysicist
SCOTT GEOPHYSICS LTD.
4013 West 14th Avenue
Vancouver, B.C. V6R 2X3

July 18, 2008

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1	Introduction	page 1
2	Survey coverage and procedures	1
3.	Personnel	1
4.	Instrumentation	1

Appendix

Statement of Qualifications	rear of report
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Accompanying Maps (map roll and CD)

Chargeability/Resistivity Pseudosections with Magnetometer Profiles

Lines 10000N, 10200N, 104000N, 10600N, and 10800N	(1:2500 scale)
Lines 11000N, 11200N, 114000N, and 11600N	(1:2500 scale)
Lines 11800N, 12000N, 122000N, and 12400N	(1:2500 scale)

Chargeability Contour Plan – UTM Coordinates WGS84	(1:5000 scale)
Resistivity Contour Plan – UTM Coordinates WGS84	(1:5000 scale)

Magnetometer Contour Plan – UTM Coordinates WGS84	(1:5000 scale)
Magnetometer Profiles – Idealized Grid Coordinates	(1:5000 scale)

Accompanying Data Files

One (1) CD with all survey data and maps – located in envelope at rear of report

1. INTRODUCTION

Induced polarization (IP) and magnetometer surveys were performed at the Trail Peak Property, Babine Lake Area, B.C., within the period June 18 to July 11, 2008.

The surveys were performed by Scott Geophysics Ltd. on behalf of Caracle Creek International Consulting. This report describes the instrumentation and procedures, and presents the results of the surveys.

2. SURVEY COVERAGE AND PROCEDURES

A total of 37.225 km of IP and magnetometer survey were performed at the Trail Peak Property. The pole dipole array was used on the IP survey with an "a" spacing of 25 metres and "n" separations of 1 to 5. The on line current electrode was located to the west of the potential electrodes on all survey lines.

The chargeability and resistivity data are presented on the accompanying pseudosections and contour plan maps. The magnetometer survey results are presented as profiles at the top of the pseudosections, and as data posting and stacked profile plans.

3. PERSONNEL

Brad Scott was the crew chief on the survey on behalf of Scott Geophysics Ltd. Stephen Wetherup was the representative on behalf of Caracle Creek International Consulting.

4. INSTRUMENTATION

A GDD Rx8 receiver and GDD TxII transmitter were used for the IP survey. Readings were taken in the time domain using a 2 second on/2 second off alternating square wave. The chargeability values plotted on the accompanying pseudosections and plan maps is for the interval 690 to 1050 msec after shutoff.

A Scintrex ENVI was used for the magnetometer survey. All data was corrected for diurnal drift with reference to a Scintrex ENVI base station cycling at 10 second intervals.

Respectfully Submitted,



Alan Scott, Geophysicist

Statement of Qualifications

for

Alan Scott, Geophysicist

of

4013 West 14th Avenue
Vancouver, B.C. V6R 2X3

I hereby certify the following statements regarding my qualifications and involvement in the program of work conducted on behalf of Caracle Creek International Consultants, at the Trail Peak Property, Babine Lake Area, B.C., and as presented in this report of July 18, 2008.

The work was performed by individuals sufficiently trained and qualified for its performance.

I have no material interest in the property under consideration in this report.

I graduated from the University of British Columbia with a Bachelor of Science degree (Geophysics) in 1970 and with a Master of Business Administration in 1982.

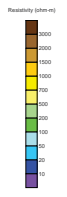
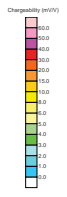
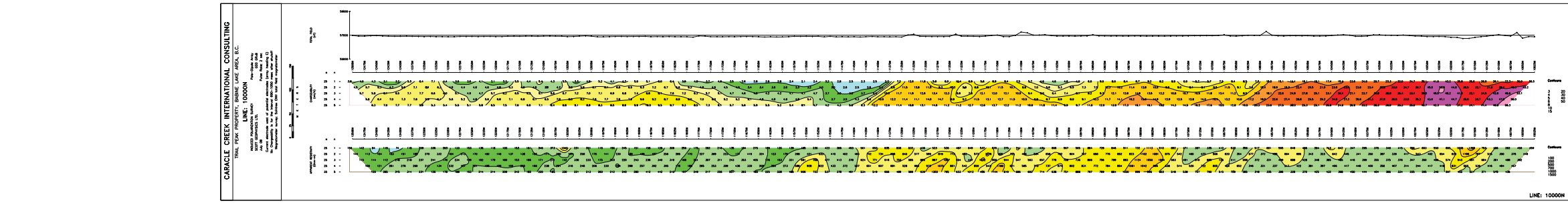
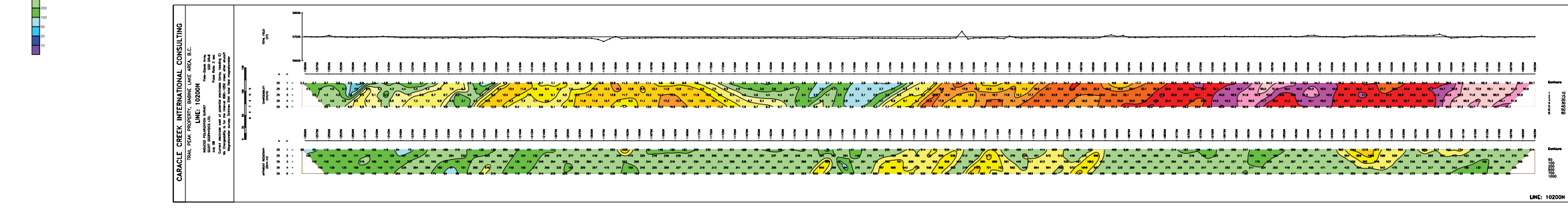
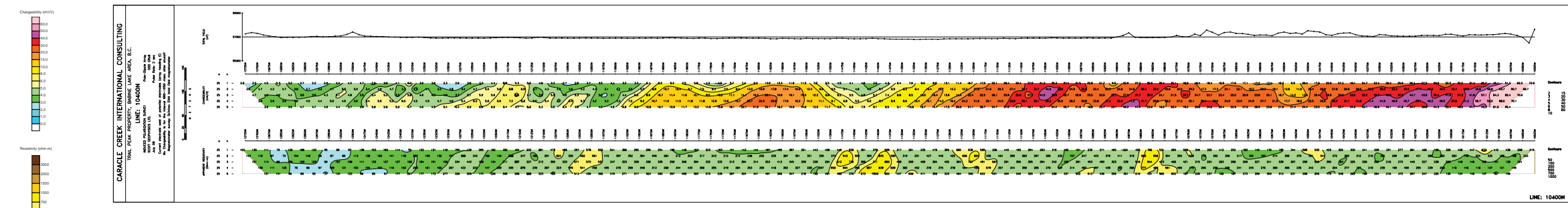
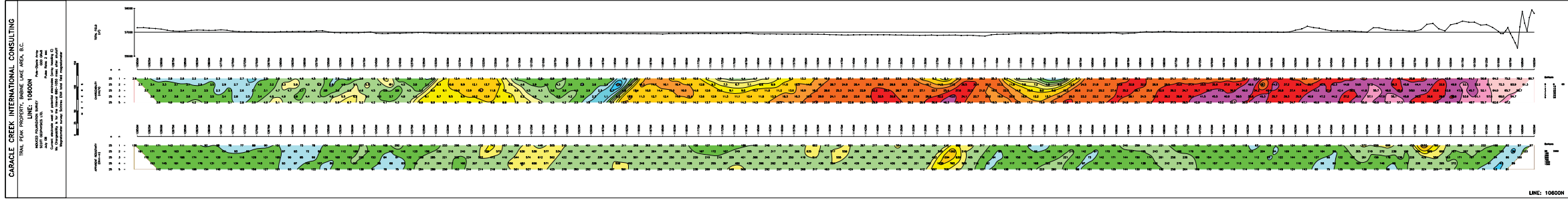
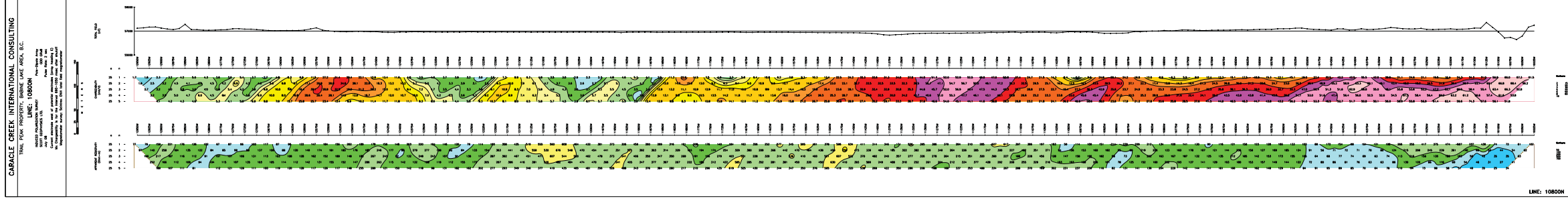
I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

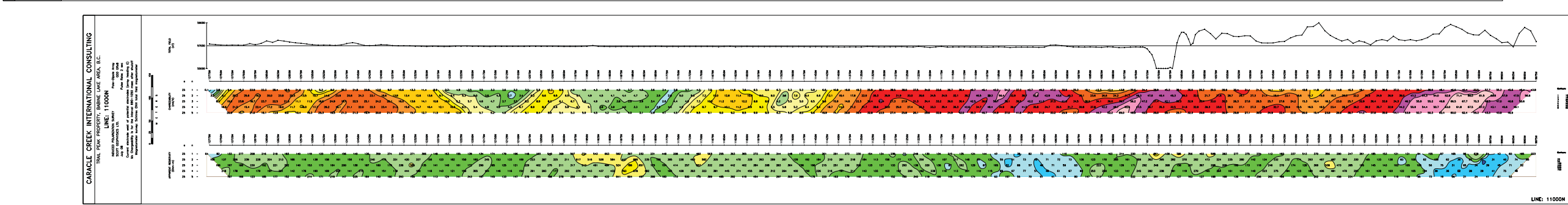
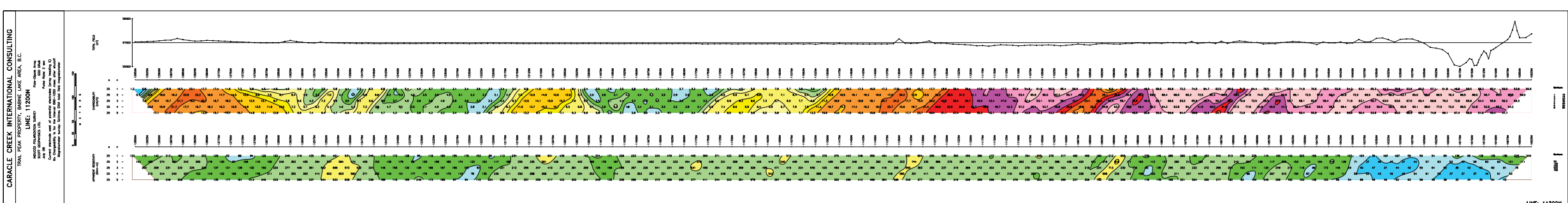
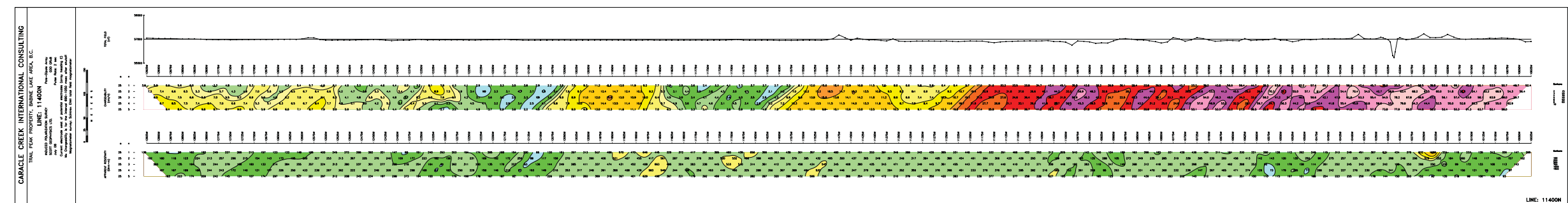
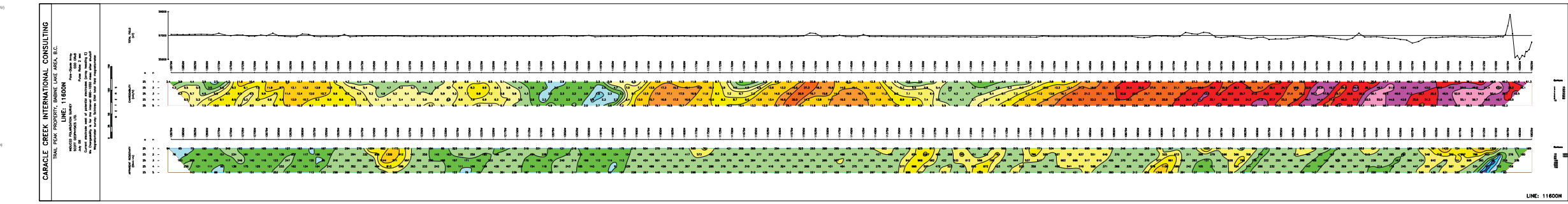
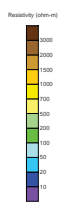
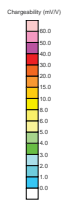
I have been practicing my profession as a Geophysicist in the field of Mineral Exploration since 1970.

Respectfully submitted,



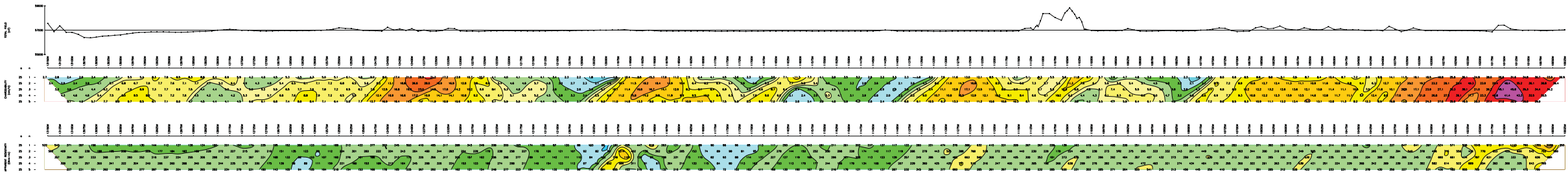
Alan Scott, P.Ge.





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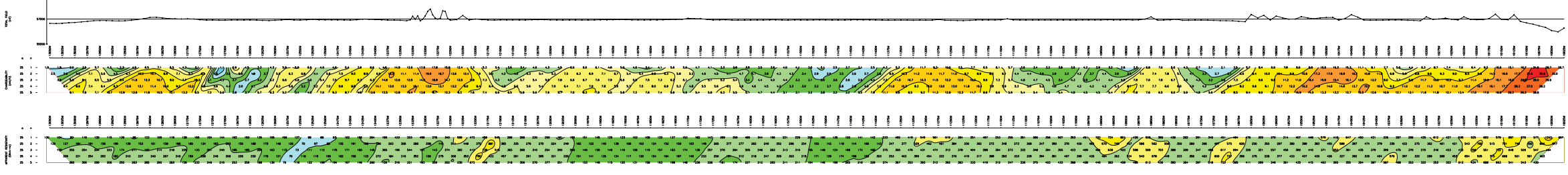
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DATE: 2014-08-15
SCALE: 1:10000
PROJECT AREA: 1000m x 1000m
PROJECT LOCATION: BURRIS LAKE AREA, B.C.
PROJECT DESCRIPTION: TOPOGRAPHIC MAP
PROJECT STATUS: COMPLETE



LINE: 12400N

TRAIL PEAK PROPERTY, BURRIS LAKE AREA, B.C.
LINE: 12200N

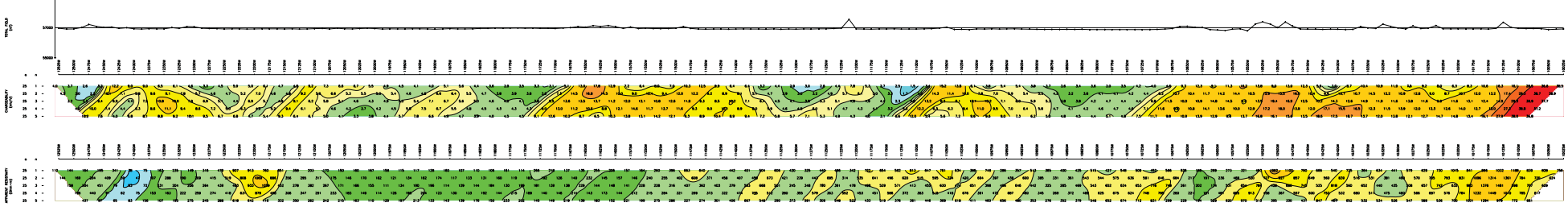
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PROJECT DESCRIPTION: TOPOGRAPHIC MAP
PROJECT STATUS: COMPLETE



LINE: 12200N

TRAIL PEAK PROPERTY, BURRIS LAKE AREA, B.C.
LINE: 12000N

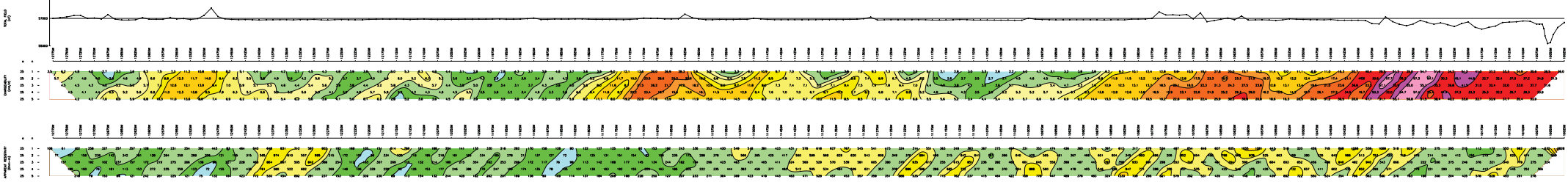
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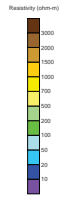
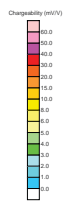
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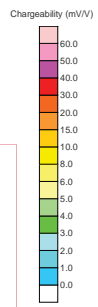
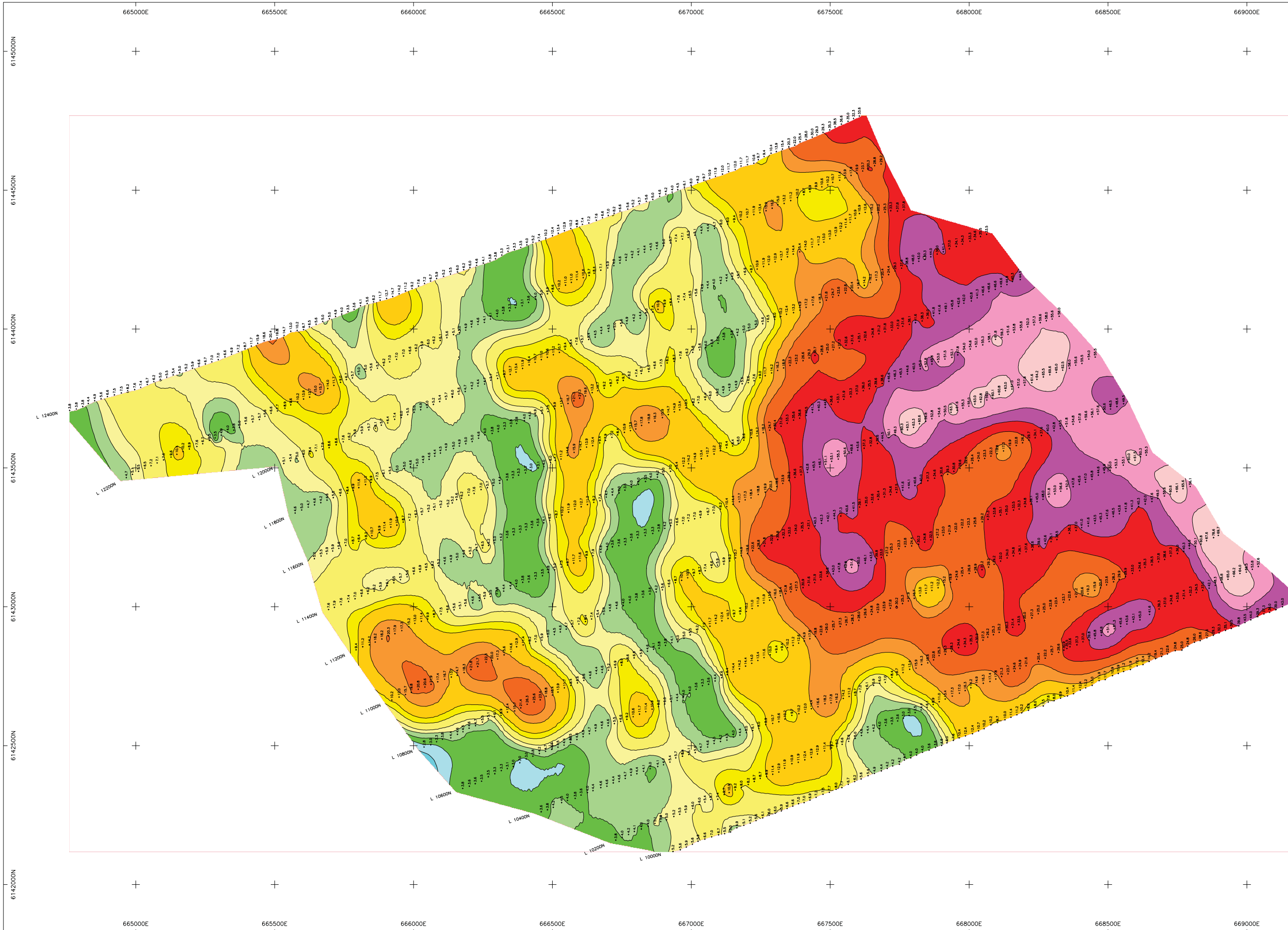
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LINE: 11800N

PROJECT NUMBER: 11800N
DATE: 2014-08-15
SCALE: 1:10000
PROJECT AREA: 1000m x 1000m
PROJECT LOCATION: BURRIS LAKE AREA, B.C.
PROJECT DESCRIPTION: TOPOGRAPHIC MAP
PROJECT STATUS: COMPLETE



LINE: 11800N





SURVEY SPECIFICATIONS

survey performed July/08
 receiver Scintrex IPR12
 transmitter GDD Tx1
 pulse time 2 seconds
 Mx receive window 690-1050 msecs

array pole dipole
 a spacing 25 metres
 n separations 1, 2, 3, 4, 5
 current electrode W of potentials

Contoured value Filtered chargeability
 Filtered values n = 1 to 5

Contour intervals:
 0, 2.5, 5.0, 7.5, 10.0, 12.5, 15.0, 17.5,
 20.0, 30.0, 40.0, 50.0, 60.0 (mV/Volt)

Note: The filter applied to this data
 is the standard Fraser triangular filter
 whereby one value is selected at n=1, two
 values at n=2, three values at n=3, etc.
 The plotted value is the average of the
 average values of the n separations and
 is plotted at the n=1 data point.

GPS derived UTM coordinates - WGS84 Zone 09U

6145000N
6144500N
6144000N
6143500N
6143000N
6142500N
6142000N

665000E
665500E
666000E
666500E
667000E
667500E
668000E
668500E
669000E

0 100 200 300 400
METERS

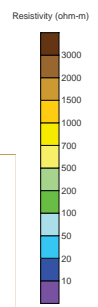
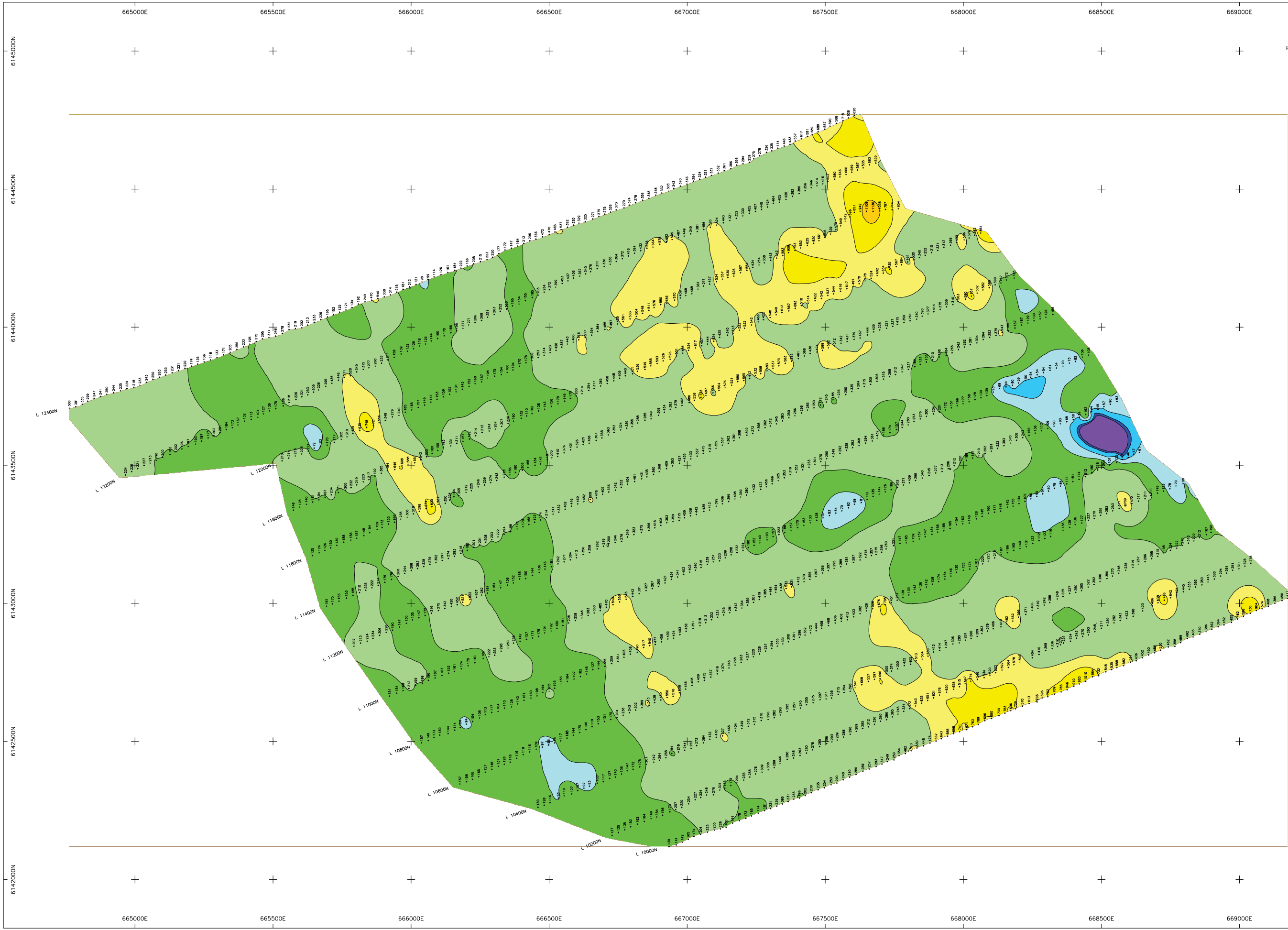
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6142500N
6142000N

665000E
665500E
666000E
666500E
667000E
667500E
668000E
668500E
669000E

CARACLE CREEK INT'L CONSULTING

TRAIL PEAK PROPERTY
 BABINE LAKE AREA, B.C.
 Chargeability Contour Plan
 First to Fifth Separations

DRAWN BY: ars DATE: July/08
 SCOTT GEOPHYSICS LTD.



SURVEY SPECIFICATIONS
 survey performed July/08/08
 receiver Scintrex IPR12
 transmitter GDD Tx11
 pulse time 2 seconds
 Mx receive window 600-1050 msecs

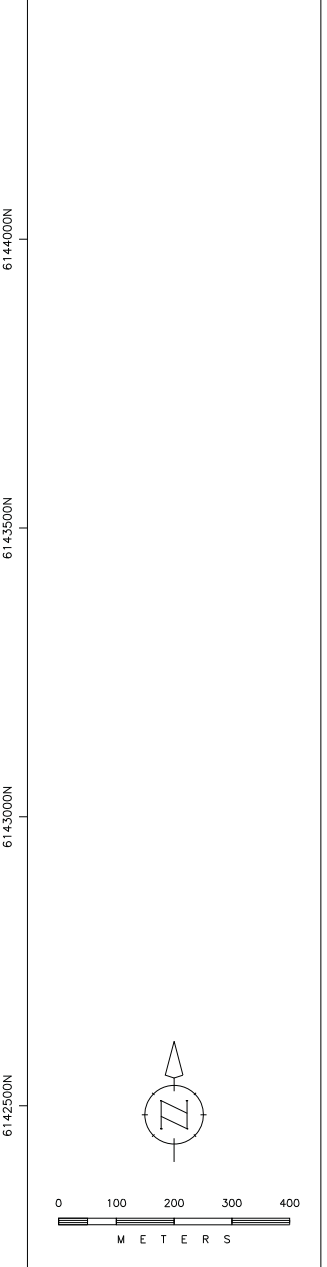
array pole dipole
 spacing 25 metres
 n separations 1, 2, 3, 4, 5
 current electrode W of potentials

Contoured value Filtered resistivity
 Filtered values n = 1 to 5

Contour intervals:
 10, 20, 50, 100, 200, 500, 700,
 1000, 1500, 2000, 3000 (ohm-m)

Note: The filter applied to this data is the standard Fraser triangular filter whereby one value is selected at n=1, two values at n=2, three values at n=3, etc. The plotted value is the average of the average values of the n separations and is plotted at the n=1 data point.

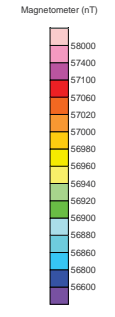
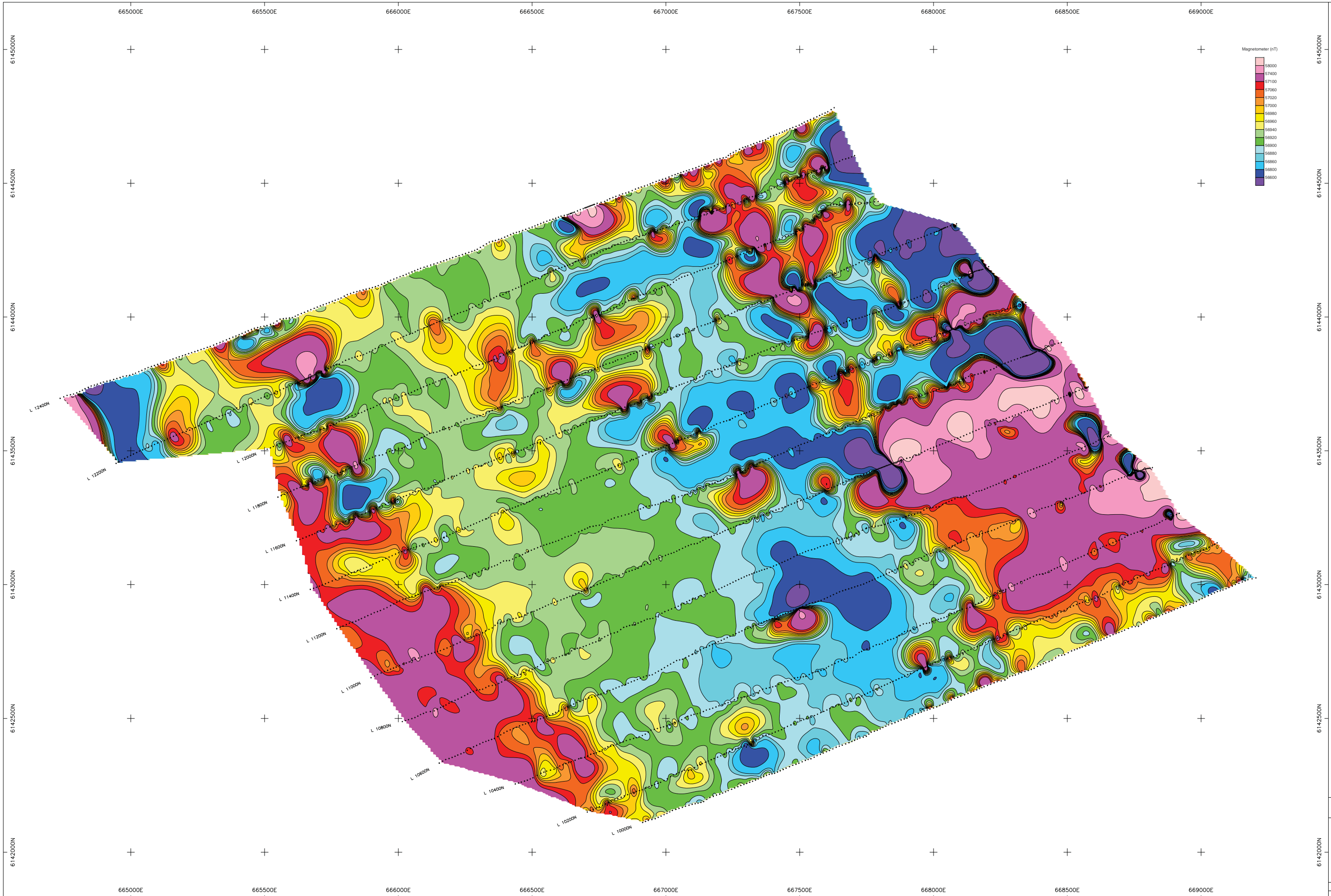
GPS derived UTM coordinates - WGS84



CARACLE CREEK INT'L CONSULTING

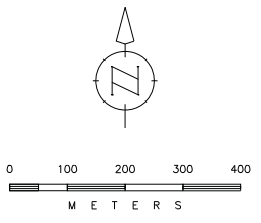
TRAIL PEAK PROPERTY
 BABINE LAKE AREA, B.C.
 Resistivity Contour Plan
 First to Fifth Separations

DRAWN BY: ars DATE: July/08
 SCOTT GEOPHYSICS LTD.



SURVEY SPECIFICATIONS
 survey performed July/08
 survey magnetometer Scintrex ENVI
 base magnetometer Scintrex ENVI
 type magnetometer proton
 measurement total field
 units nanoteslas
 diurnal corrections base station
 data interval 12.5 metres

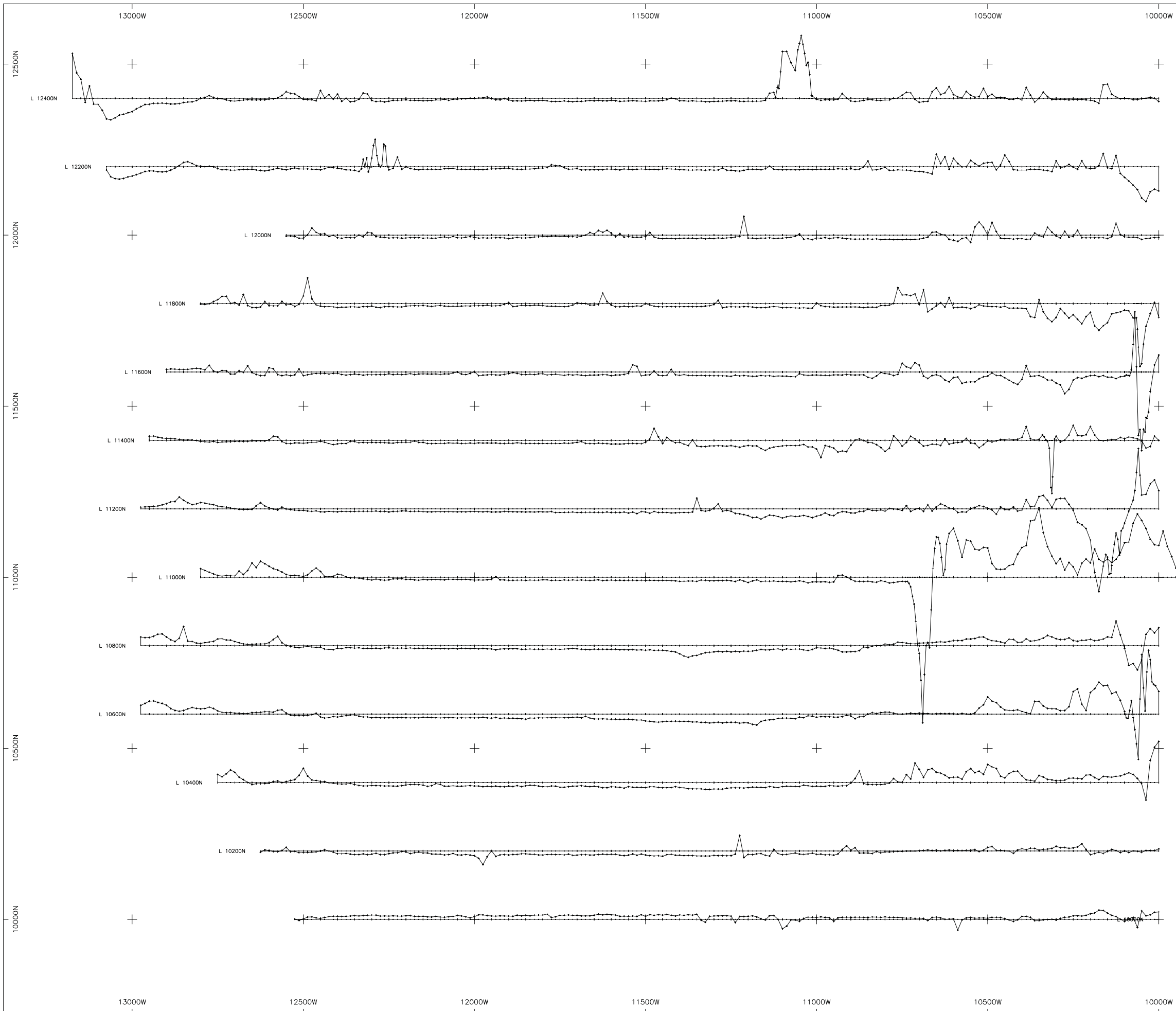
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CARACLE CREEK INT'L CONSULTING

TRAIL PEAK PROPERTY
 BABINE LAKE AREA, B.C.
 Magnetometer Survey
 Contour Plan

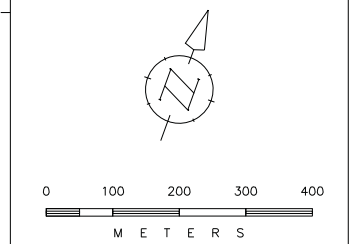
DRAWN BY: ars DATE: July/08
 SCOTT GEOPHYSICS LTD.



SURVEY SPECIFICATIONS

survey performed	July/08
base magnetometer	Scintrex ENVI
type	proton
measurement	total field
units	nanoTeslas
diurnal corrections	base station
data interval	12.5 metres

profile base	57000 nT
profile scale	500 nT/cm
(at 1:5000 scale)	



CARACLE CREEK INT'L CONSULTING

BABINE PROJECT
 BABINE LAKE AREA, B.C.
 Magnetometer Survey
 Profiles

DRAWN BY: ars | DATE: July/08
 SCOTT GEOPHYSICS LTD.

APPENDIX 3
ASSAY CERTIFICATES
AND ANALYTICAL METHODS





ACME ANALYTICAL LABORATORIES LTD.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Caracle Creek International Consulting I

Suite 1409 - 409 Granville Street
 Vancouver BC V6C 1T2 Canada

Submitted By: Stephen Wetherup
 Receiving Lab: Canada-Smithers
 Received: July 15, 2008
 Report Date: July 25, 2008
 Page: 1 of 12

CERTIFICATE OF ANALYSIS

SMI08000628.1

CLIENT JOB INFORMATION

Project: Trail Peak
 Shipment ID:
 P.O. Number
 Number of Samples: 315

SAMPLE DISPOSAL

RTRN-PLP Return
 DISP-RJT-SOIL Immediate Disposal of Soil Reject

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Caracle Creek International Consulting Inc.
 Suite 1409 - 409 Granville Street
 Vancouver BC V6C 1T2
 Canada

CC: Erin O'Brien

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status
SS80	315	Dry at 60C sieve 100g to -80 mesh		
Dry at 60C	315	Dry at 60C		
1DX	315	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.



AcmeLabs ACME ANALYTICAL LABORATORIES LTD.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: Caracle Creek International Consulting I

Suite 1409 - 409 Granville Street
 Vancouver BC V6C 1T2 Canada

Project: Trail Peak
Report Date: July 25, 2008

Page: 2 of 12 **Part** 1

CERTIFICATE OF ANALYSIS

SMI08000628.1

Method	Analyte	Unit	MDL	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ag	1DX Ni	1DX Co	1DX Mn	1DX Fe	1DX As	1DX U	1DX Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P
		ppm		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2448	Soil	1.4	18.5	15.7	105	0.2	10.4	4.8	445	4.19	25.6	0.2	0.9	<0.1	7	0.5	1.1	0.4	80	0.10	0.093		
2449	Soil	1.3	17.4	13.9	104	0.5	12.2	4.9	423	4.00	16.1	0.3	1.7	<0.1	6	0.4	0.8	0.3	88	0.10	0.061		
2450	Soil	1.4	25.0	27.0	1026	0.3	16.1	8.1	3282	3.89	25.4	0.2	0.9	<0.1	15	8.3	1.0	0.4	68	0.29	0.096		
2451	Soil	1.4	17.7	49.8	166	1.5	10.9	6.9	2055	4.60	30.7	0.2	0.7	<0.1	10	1.4	1.3	0.2	108	0.20	0.112		
2452	Soil	1.0	14.1	43.4	152	0.3	10.6	12.9	5572	4.07	27.4	0.1	<0.5	<0.1	21	1.4	2.3	0.1	90	0.49	0.249		
2453	Soil	1.2	12.0	12.6	101	0.1	10.7	4.2	409	3.07	7.5	0.2	<0.5	<0.1	18	0.5	0.3	0.1	72	0.36	0.050		
2454	Soil	1.0	70.2	14.5	676	0.5	22.4	10.0	1074	3.21	28.4	0.8	0.7	0.2	48	2.3	1.1	0.1	48	1.10	0.069		
2455	Soil	1.3	22.8	2.6	109	0.3	11.0	2.6	1583	0.52	2.3	<0.1	<0.5	<0.1	104	2.2	1.2	<0.1	9	3.11	0.064		
2456	Soil	1.3	20.8	10.0	88	0.3	15.4	5.1	231	3.05	4.9	0.3	0.8	<0.1	54	0.6	0.2	<0.1	65	0.79	0.054		
2457	Soil	1.6	40.6	14.1	207	0.9	17.9	10.1	1475	3.56	11.2	0.6	1.3	0.1	95	1.2	0.4	0.1	64	1.64	0.070		
2458	Soil	1.1	17.2	10.3	123	0.4	16.9	8.3	549	3.20	7.2	0.2	<0.5	0.1	79	0.5	0.2	0.1	54	1.05	0.037		
2459	Soil	1.1	18.5	11.3	141	0.4	12.9	8.0	1130	3.07	8.5	0.3	1.0	0.1	49	0.5	0.2	0.1	63	0.71	0.043		
2460	Soil	1.1	28.6	17.5	268	0.8	19.0	8.5	1049	3.54	19.5	0.5	<0.5	0.3	65	1.0	0.7	0.1	49	0.91	0.058		
2461	Soil	1.4	20.5	20.7	244	0.3	16.4	9.3	858	4.07	23.9	0.3	0.7	0.4	45	0.4	0.4	0.2	73	0.58	0.053		
2462	Soil	1.2	24.1	15.4	168	0.5	16.4	8.6	1165	2.79	14.0	0.4	0.6	0.2	87	0.9	0.7	0.1	43	1.38	0.065		
2463	Soil	1.8	20.7	7.1	69	0.6	10.2	4.9	775	1.40	5.8	0.5	0.9	<0.1	199	0.9	1.0	<0.1	21	2.83	0.081		
2464	Soil	2.1	23.5	7.8	90	0.6	12.4	5.4	897	2.23	8.1	1.6	1.1	0.1	171	0.7	0.8	<0.1	33	2.19	0.094		
2465	Soil	1.6	23.4	4.7	47	0.4	11.1	3.9	771	1.25	2.8	0.5	0.5	<0.1	186	1.0	0.5	<0.1	17	2.11	0.105		
2466	Soil	2.3	28.7	13.8	117	0.5	16.8	13.7	4033	3.75	4.9	0.5	0.9	0.2	82	1.3	0.1	0.1	69	0.63	0.066		
2467	Soil	1.1	47.3	12.7	99	1.1	21.4	8.4	934	3.00	4.2	0.9	0.8	0.2	155	0.9	0.3	<0.1	35	1.48	0.104		
2468	Soil	1.9	43.4	9.9	148	3.1	21.0	7.0	2364	3.06	5.2	0.8	0.6	0.2	129	0.6	0.3	0.1	33	1.37	0.111		
2469	Soil	1.7	71.9	14.5	193	1.9	29.2	10.3	3177	3.88	5.3	1.0	0.7	0.3	114	1.2	0.2	0.1	45	1.25	0.108		
2470	Soil	9.4	15.3	15.6	80	0.1	5.9	5.8	370	3.63	5.5	0.1	0.7	0.1	13	0.5	0.3	0.1	58	0.21	0.091		
2471	Soil	0.9	7.8	9.5	60	0.3	8.5	3.7	386	2.58	2.4	0.1	0.7	<0.1	33	0.5	0.1	0.1	67	0.30	0.077		
2472	Soil	0.9	17.4	9.2	118	<0.1	16.3	6.1	412	3.01	8.2	0.2	1.5	0.5	21	0.3	0.2	0.1	42	0.16	0.055		
2473	Soil	1.8	16.0	12.4	101	0.3	13.7	5.3	466	3.74	7.4	0.1	0.8	0.2	6	0.3	0.1	0.2	60	0.10	0.205		
2474	Soil	2.8	18.8	22.9	145	1.9	13.9	14.3	1342	5.31	9.1	0.1	1.6	0.3	14	1.0	0.2	0.2	62	0.14	0.276		
2475	Soil	0.9	9.5	9.7	79	0.2	9.9	5.2	572	2.83	4.5	0.2	0.7	0.4	24	0.6	0.1	0.1	45	0.13	0.107		
2476	Soil	0.8	8.0	9.1	65	0.1	7.5	3.3	380	2.11	3.7	0.1	0.6	0.2	21	0.4	0.1	0.1	40	0.13	0.055		
2477	Soil	0.8	25.0	9.3	100	0.7	16.8	5.5	437	2.26	4.6	0.3	0.8	0.1	100	1.5	0.2	<0.1	31	1.54	0.054		

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Project: Trail Peak
Report Date: July 25, 2008

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CERTIFICATE OF ANALYSIS

SMI08000628.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	
2448	Soil	4	16	0.37	68	0.021	<20	1.92	0.008	0.04	0.2	0.06	0.9	<0.1	0.07	8	0.5
2449	Soil	3	20	0.39	56	0.035	<20	1.69	0.007	0.04	0.2	0.07	1.2	<0.1	0.07	9	<0.5
2450	Soil	7	17	0.37	132	0.019	<20	1.97	0.007	0.05	0.2	0.04	1.2	<0.1	0.06	8	0.6
2451	Soil	4	20	0.24	102	0.024	<20	1.55	0.005	0.06	0.2	0.07	0.6	<0.1	0.05	9	<0.5
2452	Soil	3	19	0.28	131	0.003	<20	1.46	0.009	0.05	0.2	0.06	0.3	0.2	0.07	7	<0.5
2453	Soil	4	16	0.27	110	0.010	<20	1.51	0.006	0.04	0.2	0.03	1.0	<0.1	<0.05	7	<0.5
2454	Soil	61	21	0.51	270	0.009	<20	1.93	0.010	0.05	0.2	0.09	3.0	<0.1	<0.05	6	1.7
2455	Soil	4	6	0.10	135	0.003	<20	0.28	0.021	0.04	0.4	0.18	0.2	<0.1	0.29	<1	5.7
2456	Soil	4	25	0.35	115	0.016	<20	1.83	0.011	0.03	0.2	0.07	1.2	<0.1	<0.05	6	<0.5
2457	Soil	9	26	0.45	179	0.016	<20	1.95	0.013	0.05	0.2	0.07	2.5	<0.1	0.06	7	1.3
2458	Soil	6	21	0.49	193	0.014	<20	1.82	0.013	0.04	<0.1	0.05	2.4	<0.1	<0.05	7	<0.5
2459	Soil	8	17	0.36	161	0.012	<20	1.75	0.011	0.04	<0.1	0.04	1.8	<0.1	<0.05	7	0.6
2460	Soil	18	20	0.50	189	0.008	<20	2.32	0.012	0.05	0.2	0.07	3.7	0.1	<0.05	6	1.4
2461	Soil	5	21	0.46	235	0.007	<20	2.54	0.006	0.06	<0.1	0.03	3.0	<0.1	<0.05	8	0.6
2462	Soil	13	18	0.39	179	0.007	<20	1.75	0.013	0.05	0.1	0.08	2.3	<0.1	0.08	5	1.0
2463	Soil	15	10	0.18	127	0.006	<20	1.06	0.019	0.03	0.2	0.13	0.9	<0.1	0.16	3	2.3
2464	Soil	9	14	0.30	173	0.007	<20	1.54	0.014	0.05	0.2	0.12	1.7	<0.1	0.13	4	2.4
2465	Soil	14	11	0.20	140	0.004	<20	1.12	0.017	0.04	0.2	0.10	1.2	<0.1	0.10	3	1.4
2466	Soil	10	21	0.34	304	0.009	<20	1.94	0.009	0.05	0.1	0.03	2.0	0.1	<0.05	8	<0.5
2467	Soil	72	18	0.46	260	0.003	<20	3.05	0.011	0.05	0.1	0.10	3.1	0.1	<0.05	6	1.5
2468	Soil	79	15	0.32	114	0.002	<20	2.92	0.011	0.05	0.1	0.13	3.0	0.2	0.10	6	2.5
2469	Soil	134	20	0.52	122	0.004	<20	3.36	0.014	0.06	0.1	0.14	5.4	0.2	0.06	8	2.5
2470	Soil	6	6	0.14	101	0.005	<20	1.04	0.008	0.11	0.3	0.03	1.7	<0.1	<0.05	7	<0.5
2471	Soil	3	16	0.14	164	0.025	<20	0.94	0.008	0.07	0.1	0.03	1.1	<0.1	<0.05	6	<0.5
2472	Soil	4	16	0.30	104	0.007	<20	1.52	0.005	0.04	<0.1	0.08	2.3	<0.1	<0.05	5	<0.5
2473	Soil	7	8	0.14	94	0.003	<20	1.74	0.006	0.07	0.4	0.04	1.4	0.1	<0.05	8	<0.5
2474	Soil	5	9	0.16	85	0.003	<20	1.66	0.004	0.08	0.1	0.08	2.5	0.1	<0.05	7	0.6
2475	Soil	3	14	0.23	125	0.017	<20	1.55	0.005	0.04	<0.1	0.05	1.8	<0.1	<0.05	6	<0.5
2476	Soil	3	11	0.16	106	0.017	<20	0.91	0.005	0.04	<0.1	0.02	1.4	<0.1	<0.05	5	<0.5
2477	Soil	15	16	0.28	171	0.007	<20	1.53	0.013	0.03	0.1	0.07	2.2	<0.1	0.09	4	1.1

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Project: Trail Peak
Report Date: July 25, 2008

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CERTIFICATE OF ANALYSIS

SMI08000628.1

Method	Analyte	Unit	MDL	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ag	1DX Ni	1DX Co	1DX Mn	1DX Fe	1DX As	1DX U	1DX Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
				0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2478	Soil			0.8	9.6	8.0	72	0.1	9.0	4.2	324	2.25	4.2	0.2	<0.5	<0.1	69	0.3	<0.1	<0.1	45	0.66	0.029
2479	Soil			0.9	12.0	8.7	52	0.2	7.2	2.3	96	1.89	3.8	0.2	8.4	0.1	35	0.4	0.1	<0.1	39	0.18	0.031
2480	Soil			1.2	12.1	7.8	78	0.1	8.8	3.6	185	3.07	6.2	0.1	<0.5	0.2	31	0.4	0.1	0.1	65	0.20	0.041
2481	Soil			2.3	1.9	2.9	33	<0.1	2.8	0.8	807	0.86	0.5	0.2	<0.5	0.3	2	0.2	<0.1	<0.1	5	0.04	0.035
2482	Soil			1.2	7.2	10.9	117	0.1	7.9	3.9	390	3.39	4.4	0.1	0.7	0.3	16	0.5	<0.1	0.1	68	0.09	0.117
2483	Soil			1.0	13.7	9.8	72	<0.1	8.8	3.4	167	1.98	3.7	0.2	0.7	<0.1	58	0.5	0.1	<0.1	43	0.27	0.037
2484	Soil			1.0	15.2	7.6	73	0.1	8.3	3.9	89	1.81	4.6	0.3	<0.5	<0.1	64	0.8	0.2	<0.1	41	0.34	0.070
2485	Soil			1.1	25.6	8.8	76	0.4	15.7	7.7	273	2.99	6.7	0.4	0.8	0.4	65	0.5	0.2	<0.1	65	0.25	0.035
2486	Soil			1.6	20.1	12.1	112	0.2	14.0	6.3	219	3.73	10.4	0.2	1.3	0.3	58	0.5	0.3	0.1	71	0.25	0.072
2487	Soil			1.1	14.3	18.2	213	0.3	10.8	8.0	582	3.90	7.5	0.2	1.7	<0.1	43	3.0	0.2	0.2	64	0.29	0.378
2488	Soil			1.3	18.9	14.6	111	<0.1	9.7	5.2	274	2.83	6.7	0.2	1.1	0.2	37	0.9	0.3	0.1	69	0.15	0.066
2489	Soil			1.4	22.8	11.3	101	0.2	15.5	9.4	336	3.33	8.2	0.4	0.8	0.7	28	0.5	0.2	0.1	64	0.12	0.103
2490	Soil			1.4	24.0	14.1	134	0.1	12.6	6.5	258	3.68	10.6	0.2	0.9	0.3	28	1.1	0.3	0.1	59	0.20	0.098
2491	Soil			1.2	19.1	13.6	123	0.2	11.1	6.5	325	3.68	8.7	0.2	0.8	0.5	25	0.3	0.3	0.1	61	0.13	0.210
2492	Soil			1.1	29.9	10.6	129	0.3	15.9	8.0	632	2.92	7.5	0.3	1.2	0.3	79	0.6	0.4	<0.1	51	0.79	0.072
2493	Soil			1.4	20.3	9.2	79	0.2	12.7	6.9	513	2.50	4.5	0.2	0.7	0.1	46	0.5	0.2	0.1	58	0.31	0.044
2494	Soil			1.2	14.7	17.1	152	0.1	11.5	6.2	296	3.39	6.2	0.3	1.5	<0.1	12	1.0	0.2	0.1	84	0.15	0.124
2495	Soil			2.6	17.4	83.2	300	0.4	5.9	7.0	563	7.49	4.5	0.3	1.4	0.3	15	1.3	0.1	<0.1	151	0.11	0.163
2496	Soil			0.7	24.7	5.9	77	1.0	13.1	6.2	281	1.26	3.2	0.8	0.6	0.2	103	1.0	0.2	<0.1	18	1.93	0.092
2497	Soil			1.0	17.1	9.7	91	0.1	14.9	7.8	321	3.06	7.2	0.3	0.9	0.4	37	0.4	0.3	<0.1	62	0.22	0.045
2498	Soil			1.1	16.8	9.3	112	0.1	13.0	6.4	249	2.91	7.0	0.2	0.9	0.4	44	0.6	0.3	<0.1	63	0.31	0.061
2499	Soil			1.2	29.1	13.1	134	0.2	22.0	12.9	876	3.22	7.5	0.4	279.7	0.6	58	0.4	0.4	0.1	60	0.60	0.067
2500	Soil			1.0	26.7	10.8	81	0.1	18.4	11.4	1238	2.40	5.6	0.3	1.3	0.3	93	0.8	0.4	<0.1	39	1.56	0.093
2501	Soil			0.7	11.4	6.2	47	<0.1	10.3	3.5	127	1.57	3.4	0.2	<0.5	0.5	41	0.2	0.1	<0.1	39	0.14	0.032
2502	Soil			1.2	20.1	8.6	103	<0.1	19.7	7.4	250	2.67	7.0	0.3	0.9	1.0	28	0.2	0.3	<0.1	50	0.10	0.069
2503	Soil			1.1	67.5	12.1	110	1.0	35.2	11.2	1311	4.07	7.5	2.3	2.1	1.3	183	1.5	0.3	0.1	74	1.43	0.086
2504	Soil			1.0	44.3	13.9	94	0.4	23.0	10.8	542	5.41	80.0	0.3	2.0	0.3	8	0.4	0.8	0.6	164	0.24	0.096
2505	Soil			1.2	38.3	14.0	63	0.6	15.4	7.7	404	4.65	36.8	0.3	2.8	0.1	7	0.3	0.7	0.9	157	0.21	0.087
2506	Soil			1.4	94.7	14.7	286	0.4	32.2	19.8	876	6.03	16.3	0.7	1.8	0.2	13	1.0	0.7	0.6	169	0.37	0.081
2507	Soil			1.3	28.8	20.7	139	1.7	13.7	12.3	1111	4.58	12.9	0.4	1.0	<0.1	11	0.6	0.4	0.2	137	0.20	0.132

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Page: 3 of 12 Part 2

CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	
2478	Soil	4	12	0.24	136	0.010	<20	1.25	0.012	0.03	<0.1	0.02	1.2	<0.1	<0.05	6	<0.5
2479	Soil	3	12	0.12	155	0.012	<20	0.93	0.008	0.03	<0.1	0.06	1.1	<0.1	<0.05	5	<0.5
2480	Soil	2	11	0.17	146	0.008	<20	1.25	0.006	0.04	<0.1	0.04	1.7	<0.1	<0.05	7	<0.5
2481	Soil	9	4	0.02	55	0.001	<20	0.65	0.008	0.08	<0.1	0.01	0.2	<0.1	<0.05	2	<0.5
2482	Soil	4	13	0.18	111	0.016	<20	1.32	0.009	0.05	<0.1	0.02	1.8	<0.1	<0.05	9	<0.5
2483	Soil	6	12	0.13	171	0.008	<20	0.95	0.010	0.05	<0.1	0.06	1.1	<0.1	<0.05	5	<0.5
2484	Soil	5	12	0.09	178	0.008	<20	1.13	0.009	0.03	<0.1	0.06	1.2	<0.1	0.06	4	<0.5
2485	Soil	7	19	0.32	170	0.013	<20	1.81	0.010	0.03	<0.1	0.04	3.6	<0.1	<0.05	5	<0.5
2486	Soil	3	19	0.26	263	0.019	<20	1.72	0.009	0.04	<0.1	0.07	2.9	<0.1	<0.05	7	0.5
2487	Soil	4	18	0.19	212	0.014	<20	1.87	0.007	0.08	<0.1	0.06	1.5	0.1	<0.05	7	<0.5
2488	Soil	4	13	0.13	170	0.010	<20	1.21	0.007	0.03	<0.1	0.03	1.8	<0.1	<0.05	6	<0.5
2489	Soil	4	18	0.26	165	0.010	<20	2.28	0.006	0.05	<0.1	0.05	3.4	<0.1	<0.05	6	0.5
2490	Soil	3	15	0.24	140	0.005	<20	1.81	0.007	0.03	<0.1	0.08	2.7	<0.1	<0.05	5	0.7
2491	Soil	4	16	0.19	164	0.006	<20	1.73	0.006	0.04	<0.1	0.07	2.9	<0.1	<0.05	6	<0.5
2492	Soil	8	18	0.36	188	0.009	<20	1.48	0.011	0.04	<0.1	0.11	4.2	<0.1	<0.05	4	0.6
2493	Soil	5	18	0.19	192	0.010	<20	1.33	0.006	0.03	<0.1	0.03	1.9	<0.1	<0.05	5	<0.5
2494	Soil	4	19	0.18	96	0.014	<20	2.39	0.006	0.07	<0.1	0.07	1.5	<0.1	<0.05	9	<0.5
2495	Soil	4	16	0.21	133	0.027	<20	2.75	0.008	0.05	<0.1	0.09	3.1	0.1	<0.05	11	<0.5
2496	Soil	32	10	0.17	164	0.003	<20	1.43	0.012	0.03	<0.1	0.23	2.8	<0.1	0.14	2	1.0
2497	Soil	5	18	0.28	157	0.019	<20	1.45	0.007	0.04	<0.1	0.04	3.0	<0.1	<0.05	5	<0.5
2498	Soil	4	19	0.25	179	0.016	<20	1.37	0.008	0.03	<0.1	0.06	2.9	<0.1	<0.05	5	<0.5
2499	Soil	11	24	0.49	159	0.017	<20	1.63	0.010	0.04	<0.1	0.07	5.2	0.1	<0.05	4	0.6
2500	Soil	11	18	0.36	143	0.008	<20	1.22	0.009	0.05	<0.1	0.20	3.7	0.1	0.11	3	1.0
2501	Soil	4	15	0.19	165	0.012	<20	1.15	0.007	0.03	<0.1	0.03	2.0	0.1	<0.05	4	<0.5
2502	Soil	4	21	0.30	196	0.012	<20	2.10	0.006	0.02	<0.1	0.07	2.6	0.1	<0.05	5	<0.5
2503	Soil	36	34	0.50	329	0.006	<20	3.26	0.010	0.06	<0.1	0.13	11.1	0.2	<0.05	7	0.9
2504	Soil	3	40	0.54	109	0.155	<20	2.13	0.008	0.04	<0.1	0.08	3.8	<0.1	<0.05	11	0.5
2505	Soil	4	36	0.42	88	0.110	<20	2.05	0.009	0.04	<0.1	0.05	2.8	<0.1	<0.05	11	<0.5
2506	Soil	4	50	1.04	81	0.119	<20	2.84	0.008	0.04	<0.1	0.05	5.2	<0.1	<0.05	11	<0.5
2507	Soil	4	32	0.34	143	0.055	<20	1.74	0.007	0.05	<0.1	0.06	2.3	<0.1	<0.05	10	<0.5

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Project: Trail Peak
 Report Date: July 25, 2008

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CERTIFICATE OF ANALYSIS

SMI08000628.1

Method	Analyte	Unit	MDL	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ag	1DX Ni	1DX Co	1DX Mn	1DX Fe	1DX As	1DX U	1DX Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2508	Soil	1.7	32.0	22.4	169	0.6	20.1	13.3	812	4.70	24.2	0.3	0.9	0.2	12	0.5	1.3	0.2	117	0.17	0.082		
2509	Soil	1.1	24.4	15.2	94	0.2	12.1	9.7	618	3.76	12.9	0.3	1.1	<0.1	9	0.4	0.6	0.4	108	0.14	0.076		
2510	Soil	1.3	19.3	14.0	89	0.3	9.8	5.6	406	3.28	11.4	0.2	0.6	<0.1	13	0.4	0.6	0.2	89	0.18	0.094		
2511	Soil	1.3	57.3	17.9	425	0.5	20.0	13.5	1625	3.96	14.8	0.6	0.7	0.1	34	2.4	0.7	0.2	74	0.94	0.153		
2512	Soil	1.3	20.2	16.7	91	0.2	12.5	5.9	395	3.41	16.9	0.2	<0.5	<0.1	11	0.3	0.7	0.2	80	0.12	0.117		
2513	Soil	1.7	22.9	11.8	43	0.5	10.7	3.1	107	2.30	29.5	0.2	1.4	<0.1	17	0.6	1.0	0.5	80	0.16	0.055		
2514	Soil	1.8	41.4	11.7	151	0.4	17.7	10.4	1592	4.79	104.3	0.2	1.6	<0.1	22	0.7	1.6	4.1	65	0.12	0.193		
2515	Soil	1.7	27.7	23.5	60	0.5	9.0	3.0	325	3.11	53.0	0.3	1.9	<0.1	16	1.0	3.3	2.2	59	0.26	0.104		
2516	Soil	1.2	15.0	11.2	46	0.3	10.7	4.9	202	2.69	8.2	0.2	1.4	<0.1	15	0.3	0.6	0.3	94	0.13	0.066		
2517	Soil	1.4	25.6	17.3	105	0.5	12.4	17.3	1502	3.56	12.5	0.3	0.7	<0.1	32	0.6	0.5	0.3	78	0.29	0.122		
2518	Soil	4.0	164.2	14.3	67	0.4	9.3	8.2	593	8.55	215.3	0.4	1.3	<0.1	46	0.4	5.9	3.3	74	0.56	0.166		
2519	Soil	5.2	54.2	35.2	282	0.2	5.2	1.6	109	7.86	995.3	0.2	7.5	<0.1	20	0.6	36.1	15.4	63	0.12	0.120		
2520	Soil	1.2	44.2	41.6	256	0.5	14.8	14.9	3152	3.08	174.7	0.4	3.0	<0.1	66	3.1	1.8	0.6	47	0.94	0.167		
2521	Soil	1.3	16.4	17.1	102	0.5	9.5	3.9	205	4.00	150.1	0.2	3.1	<0.1	24	0.9	1.4	0.6	89	0.13	0.136		
2522	Soil	1.3	15.0	10.2	68	0.1	10.2	4.9	241	2.75	8.0	0.2	2.0	0.2	27	0.3	0.1	0.2	69	0.13	0.096		
2523	Soil	1.3	17.5	10.6	90	<0.1	12.0	6.7	966	3.12	9.6	0.2	1.3	<0.1	32	0.3	0.1	0.2	76	0.22	0.079		
2524	Soil	1.2	17.4	15.8	90	0.3	13.1	6.7	348	3.57	8.1	0.3	2.0	<0.1	22	0.3	0.2	0.1	77	0.19	0.117		
2525	Soil	1.1	33.6	19.7	172	0.3	20.0	14.2	1974	4.16	14.2	0.5	2.0	0.8	28	1.0	0.2	0.2	83	0.35	0.071		
2526	Soil	1.2	12.2	13.0	79	<0.1	9.9	5.2	247	3.14	5.2	0.2	1.9	0.3	24	0.2	0.1	0.1	83	0.21	0.064		
2527	Soil	1.3	48.0	17.9	140	0.7	18.7	13.0	906	3.72	22.8	0.5	2.6	0.3	78	1.5	0.4	0.2	84	1.45	0.071		
2528	Soil	1.6	39.2	14.1	91	0.2	16.5	13.2	467	4.11	38.2	0.3	5.5	0.4	38	0.5	1.2	0.4	102	0.59	0.054		
2529	Soil	2.4	14.7	15.1	117	0.2	5.9	11.7	933	3.24	12.7	0.2	1.8	0.1	25	0.6	1.0	0.2	45	0.36	0.146		
2530	Soil	1.4	18.0	26.5	78	0.2	19.4	9.4	450	3.55	24.3	0.2	1.4	0.3	15	0.2	1.6	0.2	90	0.19	0.083		
2531	Soil	1.9	14.0	23.4	88	0.5	6.7	3.7	240	2.51	17.5	0.1	1.5	<0.1	39	1.0	1.7	0.1	49	0.44	0.086		
2532	Soil	0.5	7.5	7.5	50	<0.1	4.7	4.1	141	1.72	1.5	0.2	1.7	0.9	9	0.1	0.3	<0.1	33	0.15	0.090		
2533	Soil	1.2	14.7	14.0	159	0.3	10.1	9.4	892	3.49	7.9	0.2	1.6	0.3	39	1.7	0.2	0.1	63	0.34	0.140		
2534	Soil	1.1	20.6	17.2	163	0.1	10.8	10.7	834	3.40	5.7	0.3	2.4	0.2	60	1.2	0.3	0.2	73	0.85	0.074		
2535	Soil	1.2	20.0	15.6	132	0.2	10.0	7.6	391	3.71	9.3	0.2	2.8	0.3	34	0.4	0.9	0.2	58	0.46	0.080		
2536	Soil	2.0	20.0	22.7	115	0.4	7.3	3.9	431	3.95	7.9	<0.1	1.3	<0.1	45	1.1	0.6	0.1	49	0.60	0.080		
2537	Soil	1.1	17.1	19.2	100	0.5	7.9	10.1	927	3.61	6.7	0.3	1.8	0.4	28	0.5	0.4	0.1	53	0.64	0.057		



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Project: Trail Peak
Report Date: July 25, 2008

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CERTIFICATE OF ANALYSIS

SMI08000628.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	
2508	Soil	4	30	0.55	96	0.037	<20	2.52	0.006	0.04	<0.1	0.04	4.0	<0.1	<0.05	8	<0.5
2509	Soil	4	26	0.27	84	0.037	<20	1.56	0.006	0.04	<0.1	0.05	1.6	<0.1	<0.05	9	<0.5
2510	Soil	4	20	0.20	90	0.031	<20	1.21	0.009	0.04	<0.1	0.05	1.3	<0.1	<0.05	7	<0.5
2511	Soil	10	29	0.43	217	0.012	<20	2.01	0.008	0.08	<0.1	0.05	2.7	0.1	0.06	7	<0.5
2512	Soil	4	21	0.20	113	0.015	<20	1.40	0.006	0.05	<0.1	0.05	1.0	<0.1	<0.05	7	<0.5
2513	Soil	4	18	0.09	101	0.018	<20	1.07	0.008	0.04	<0.1	0.07	0.8	<0.1	<0.05	7	0.5
2514	Soil	7	14	0.22	409	0.007	<20	2.06	0.009	0.08	<0.1	0.05	1.0	0.1	0.07	9	1.1
2515	Soil	3	22	0.19	178	0.031	<20	0.65	0.007	0.09	0.1	0.05	0.8	<0.1	0.07	6	<0.5
2516	Soil	4	23	0.19	115	0.026	<20	1.27	0.006	0.04	<0.1	0.04	0.9	<0.1	<0.05	9	<0.5
2517	Soil	7	23	0.19	222	0.014	<20	1.69	0.007	0.06	<0.1	0.03	0.9	<0.1	<0.05	8	<0.5
2518	Soil	5	13	0.29	204	0.016	<20	1.80	0.005	0.14	0.2	0.05	1.6	0.2	0.08	12	1.4
2519	Soil	6	10	0.03	127	0.004	<20	0.90	0.005	0.07	0.6	0.03	0.9	0.2	0.09	7	1.4
2520	Soil	21	17	0.32	227	0.006	<20	1.50	0.007	0.09	0.1	0.08	0.6	0.2	0.07	5	0.6
2521	Soil	4	19	0.14	165	0.028	<20	1.34	0.009	0.04	<0.1	0.05	1.1	<0.1	<0.05	9	<0.5
2522	Soil	4	19	0.19	138	0.020	<20	1.48	0.007	0.04	<0.1	0.04	2.1	0.1	<0.05	8	<0.5
2523	Soil	4	20	0.21	250	0.013	<20	1.57	0.006	0.04	<0.1	0.04	1.2	<0.1	<0.05	8	<0.5
2524	Soil	4	23	0.29	150	0.016	<20	1.78	0.006	0.05	<0.1	0.04	1.9	<0.1	<0.05	7	<0.5
2525	Soil	43	30	0.42	219	0.009	<20	2.94	0.008	0.07	<0.1	0.05	7.6	0.2	<0.05	9	0.6
2526	Soil	4	20	0.19	176	0.025	<20	1.42	0.007	0.06	<0.1	0.03	2.6	<0.1	<0.05	8	<0.5
2527	Soil	12	25	0.32	203	0.014	<20	2.37	0.007	0.09	<0.1	0.07	4.5	0.1	<0.05	9	0.6
2528	Soil	5	25	0.70	88	0.068	<20	1.86	0.010	0.06	<0.1	0.05	4.1	0.1	<0.05	7	0.7
2529	Soil	3	7	0.08	128	0.003	<20	1.34	0.006	0.07	0.2	0.09	0.9	0.1	<0.05	5	<0.5
2530	Soil	4	41	0.37	126	0.003	<20	1.39	0.005	0.05	<0.1	0.03	1.2	<0.1	<0.05	8	<0.5
2531	Soil	4	9	0.04	116	0.004	<20	0.73	0.006	0.05	<0.1	0.06	0.5	<0.1	0.08	4	<0.5
2532	Soil	14	6	0.12	85	0.003	<20	1.12	0.004	0.10	<0.1	0.02	0.8	<0.1	<0.05	5	<0.5
2533	Soil	5	14	0.21	188	0.007	<20	1.54	0.006	0.08	0.1	0.07	2.1	0.1	<0.05	6	<0.5
2534	Soil	5	18	0.20	225	0.018	<20	1.34	0.007	0.08	<0.1	0.07	2.3	<0.1	0.05	7	<0.5
2535	Soil	6	15	0.15	125	0.008	<20	1.22	0.007	0.07	0.1	0.07	2.9	<0.1	<0.05	5	<0.5
2536	Soil	3	7	0.04	309	0.003	<20	0.59	0.006	0.04	0.2	0.04	0.8	<0.1	0.07	3	<0.5
2537	Soil	15	11	0.16	88	0.005	<20	1.52	0.006	0.02	0.1	0.06	3.6	<0.1	<0.05	5	<0.5

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CERTIFICATE OF ANALYSIS

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Method	Analyte	Unit	MDL	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ag	1DX Ni	1DX Co	1DX Mn	1DX Fe	1DX As	1DX U	1DX Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2538	Soil	1.4	11.2	19.7	68	0.2	4.4	1.9	287	2.11	4.4	<0.1	1.4	<0.1	7	0.5	0.2	0.2	28	0.12	0.116		
2539	Soil	1.3	10.1	13.4	93	0.2	6.5	4.1	243	3.93	4.7	0.2	1.6	0.5	9	0.2	<0.1	0.2	74	0.06	0.120		
2540	Soil	1.5	11.7	24.3	185	0.3	9.6	6.2	285	4.53	8.3	0.2	2.5	0.4	13	0.4	0.1	0.2	83	0.13	0.169		
2541	Soil	1.4	23.4	16.4	289	0.3	24.3	13.2	3121	3.57	6.0	0.4	2.0	0.7	40	1.3	0.2	0.1	61	0.87	0.052		
2542	Soil	1.0	13.0	14.6	220	0.2	14.3	13.2	1259	3.32	6.3	0.2	1.9	0.3	28	0.9	0.1	0.5	67	0.42	0.064		
2543	Soil	1.3	23.1	21.0	251	0.3	16.5	20.4	1548	4.76	12.3	0.2	1.9	0.5	11	0.8	0.2	0.2	84	0.29	0.207		
2544	Soil	0.9	23.9	14.9	158	0.3	13.7	12.3	633	3.59	7.5	0.2	1.1	0.5	25	0.8	0.2	0.1	66	0.30	0.050		
2545	Soil	1.2	27.9	13.8	112	0.2	16.7	10.1	410	3.66	9.3	0.2	1.8	0.6	17	0.4	0.2	0.1	58	0.35	0.075		
2546	Soil	1.5	17.9	16.1	145	0.2	12.3	8.6	475	3.75	9.2	0.2	1.6	0.5	36	0.7	0.2	0.1	67	0.15	0.125		
2547	Soil	1.1	11.6	9.4	156	0.1	10.8	7.6	500	2.90	6.8	0.2	1.6	0.2	56	1.0	0.1	0.1	54	0.34	0.150		
2548	Soil	1.4	20.6	12.0	134	0.1	17.3	9.1	296	3.67	10.8	0.3	1.8	0.8	24	0.3	0.1	0.1	65	0.15	0.064		
2549	Soil	1.5	12.3	17.3	161	<0.1	4.3	7.5	625	3.20	5.4	0.2	1.5	0.2	18	0.9	<0.1	0.2	66	0.29	0.084		
2550	Soil	0.8	14.2	15.6	126	<0.1	9.1	7.5	880	2.42	4.7	0.2	2.0	0.2	19	0.9	0.1	0.1	49	0.19	0.075		
2551	Soil	0.7	7.9	7.2	70	0.4	5.2	2.3	111	1.07	2.1	0.2	1.5	0.2	57	0.6	<0.1	<0.1	24	0.28	0.047		
2552	Soil	0.9	13.5	8.1	95	0.4	6.8	4.3	319	1.67	3.3	0.2	1.5	<0.1	61	0.8	<0.1	0.1	35	0.35	0.081		
2553	Soil	0.9	17.3	12.3	69	0.3	10.0	4.2	189	1.81	3.3	0.3	1.5	0.2	41	0.5	<0.1	<0.1	40	0.20	0.067		
2554	Soil	1.4	26.4	10.7	99	0.2	16.5	6.5	354	2.85	7.7	0.4	1.5	0.3	72	0.5	0.3	<0.1	57	0.35	0.081		
2555	Soil	1.2	39.9	10.6	144	0.4	15.8	7.7	390	2.84	7.3	0.4	1.7	0.1	105	3.5	0.2	0.1	58	0.64	0.056		
2556	Soil	0.8	61.8	7.3	103	0.9	26.4	8.0	769	2.41	4.8	2.0	<0.5	0.4	203	1.3	0.3	0.1	33	2.78	0.097		
2557	Soil	1.2	15.3	8.4	71	<0.1	9.5	4.3	171	2.51	7.7	0.2	<0.5	0.1	61	0.8	0.2	0.1	56	0.26	0.040		
2558	Soil	1.2	57.5	8.5	109	0.9	25.0	7.5	968	2.82	6.1	1.2	<0.5	0.3	199	2.7	0.6	0.1	41	2.19	0.133		
2559	Soil	1.3	26.1	11.7	100	0.2	15.8	8.3	737	3.18	8.2	0.4	8.6	0.1	76	1.0	0.3	0.1	62	0.42	0.055		
2560	Soil	3.6	19.9	15.9	90	0.8	10.0	7.2	432	4.72	12.9	0.4	0.7	0.1	14	0.4	0.8	0.3	118	0.15	0.129		
2561	Soil	2.4	31.5	20.3	63	0.6	9.5	4.8	321	4.52	16.1	0.4	4.6	<0.1	25	0.4	0.9	0.5	98	0.20	0.205		
2562	Soil	2.2	22.3	24.3	105	0.3	10.9	7.5	556	4.88	21.1	0.3	1.7	<0.1	18	0.3	1.4	0.3	119	0.18	0.162		
2563	Soil	3.0	26.5	13.8	87	0.3	10.7	8.5	631	4.55	10.9	0.4	1.1	0.1	17	0.3	0.5	0.2	115	0.24	0.140		
2564	Soil	3.6	44.3	17.1	118	0.3	14.7	9.7	581	5.75	17.4	0.5	<0.5	0.1	15	0.5	0.9	0.3	150	0.26	0.132		
2565	Soil	1.8	48.1	18.5	131	0.2	14.1	11.2	598	3.97	17.7	0.3	1.9	<0.1	19	0.3	0.7	0.4	90	0.21	0.149		
2566	Soil	15.4	4344	11.8	169	1.3	52.6	97.0	3878	4.46	7.2	3.7	9.4	0.7	38	1.0	0.4	0.4	91	0.54	0.168		
2567	Soil	14.0	1123	12.1	61	0.3	20.3	14.1	491	2.77	7.6	2.1	13.7	0.7	39	0.4	0.4	0.4	83	0.53	0.045		

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Project: Trail Peak
Report Date: July 25, 2008

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CERTIFICATE OF ANALYSIS

SMI08000628.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	
2538	Soil	3	7	0.09	85	0.003	<20	1.07	0.006	0.08	0.1	0.04	0.4	0.1	<0.05	5	<0.5
2539	Soil	5	11	0.15	78	0.006	<20	2.00	0.004	0.05	<0.1	0.04	2.7	0.1	<0.05	9	<0.5
2540	Soil	4	17	0.18	147	0.012	<20	2.10	0.005	0.06	0.1	0.05	2.3	0.1	<0.05	8	0.6
2541	Soil	25	22	0.33	150	0.014	<20	2.25	0.009	0.05	0.1	0.06	5.5	0.2	<0.05	6	0.7
2542	Soil	6	20	0.21	173	0.021	<20	1.43	0.007	0.06	<0.1	0.03	2.4	<0.1	<0.05	7	<0.5
2543	Soil	7	13	0.21	97	0.006	<20	1.79	0.006	0.05	0.2	0.04	4.3	0.1	<0.05	7	<0.5
2544	Soil	4	19	0.27	127	0.008	<20	1.85	0.007	0.04	<0.1	0.03	4.1	<0.1	<0.05	5	<0.5
2545	Soil	6	17	0.28	101	0.003	<20	1.94	0.006	0.04	<0.1	0.06	3.7	0.1	<0.05	5	<0.5
2546	Soil	3	16	0.23	198	0.008	<20	1.62	0.007	0.05	<0.1	0.04	3.2	0.1	<0.05	6	<0.5
2547	Soil	3	14	0.19	203	0.015	<20	1.40	0.006	0.09	<0.1	0.02	1.9	<0.1	<0.05	5	<0.5
2548	Soil	4	19	0.31	151	0.016	<20	2.39	0.006	0.06	<0.1	0.04	3.6	0.1	<0.05	6	<0.5
2549	Soil	3	7	0.19	120	0.046	<20	1.34	0.005	0.07	<0.1	0.01	2.4	<0.1	<0.05	6	<0.5
2550	Soil	6	14	0.15	216	0.012	<20	1.21	0.003	0.04	<0.1	0.02	2.1	<0.1	<0.05	5	<0.5
2551	Soil	4	9	0.11	184	0.009	<20	1.24	0.007	0.05	<0.1	0.05	1.8	<0.1	<0.05	6	<0.5
2552	Soil	5	10	0.12	252	0.014	<20	1.01	0.008	0.08	<0.1	0.04	1.4	<0.1	<0.05	5	<0.5
2553	Soil	8	12	0.14	177	0.008	<20	1.22	0.008	0.04	0.2	0.04	1.9	<0.1	<0.05	5	<0.5
2554	Soil	13	17	0.33	205	0.015	<20	1.59	0.008	0.05	<0.1	0.05	3.6	0.1	<0.05	5	<0.5
2555	Soil	19	17	0.23	244	0.012	<20	1.42	0.007	0.08	<0.1	0.04	2.6	<0.1	<0.05	6	<0.5
2556	Soil	60	<1	0.36	242	0.004	<20	1.93	0.014	0.05	0.1	0.17	6.4	0.2	0.15	4	3.0
2557	Soil	4	8	0.19	143	0.015	<20	0.99	0.009	0.05	<0.1	0.03	1.8	<0.1	0.07	5	<0.5
2558	Soil	47	<1	0.43	281	0.005	<20	2.32	0.013	0.05	0.1	0.15	5.2	0.2	0.17	5	1.7
2559	Soil	10	18	0.34	201	0.011	<20	1.49	0.011	0.04	<0.1	0.03	2.9	0.1	<0.05	6	<0.5
2560	Soil	4	14	0.29	105	0.067	<20	1.84	0.009	0.05	<0.1	0.06	2.0	<0.1	0.06	10	0.5
2561	Soil	4	12	0.29	151	0.034	<20	1.56	0.011	0.09	<0.1	0.05	0.8	0.1	0.13	10	1.1
2562	Soil	5	14	0.26	177	0.038	<20	1.86	0.008	0.08	0.1	0.04	1.8	<0.1	0.06	10	<0.5
2563	Soil	4	18	0.40	124	0.081	<20	1.81	0.010	0.09	<0.1	0.04	2.4	<0.1	0.09	9	<0.5
2564	Soil	5	23	0.53	119	0.083	<20	2.15	0.009	0.06	<0.1	0.06	3.2	<0.1	0.06	11	0.8
2565	Soil	5	16	0.31	237	0.034	<20	1.62	0.009	0.06	<0.1	0.02	1.6	<0.1	<0.05	8	<0.5
2566	Soil	20	39	1.06	350	0.124	<20	2.83	0.010	0.08	<0.1	0.05	8.4	1.0	<0.05	9	2.3
2567	Soil	14	30	0.80	223	0.126	<20	1.52	0.011	0.19	<0.1	0.03	4.4	0.2	<0.05	8	0.9

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Method	Analyte	Unit	MDL	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ag	1DX Ni	1DX Co	1DX Mn	1DX Fe	1DX As	1DX U	1DX Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P	
		ppm		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	ppm	1	0.1	0.1	0.1	ppm	2	0.01	0.001
2568	Soil	16.2	202.3	18.4	89	0.4	12.6	6.0	282	5.09	46.7	0.3	1.2	0.2	14	0.3	1.5	0.3	94	0.13	0.135			
2569	Soil	9.4	215.9	11.6	44	0.3	10.2	5.1	192	3.95	3.0	0.4	17.0	1.8	5	<0.1	0.2	0.2	103	0.05	0.106			
2570	Soil	17.4	4709	15.2	106	0.8	20.4	31.7	1873	2.99	14.1	8.7	3.3	<0.1	66	1.4	0.6	0.7	52	0.69	0.099			
2571	Soil	4.9	215.2	22.5	138	0.6	20.2	21.0	2257	4.14	19.3	1.4	<0.5	<0.1	92	1.8	1.2	0.8	66	0.85	0.127			
2572	Soil	2.9	53.4	13.6	58	0.6	6.4	3.7	302	2.15	16.0	0.4	3.6	<0.1	42	1.0	0.5	1.3	49	0.58	0.068			
2573	Soil	3.0	21.2	37.4	63	1.1	6.1	2.2	153	6.07	42.2	0.2	1.6	<0.1	25	0.4	1.7	4.2	91	0.12	0.188			
2574	Soil	2.9	356.4	153.4	48	7.1	10.1	5.5	97	2.35	7.8	1.5	17.9	<0.1	13	1.0	10.9	1.1	27	0.11	0.131			
2575	Soil	1.4	36.2	28.5	85	0.3	8.7	4.8	244	3.23	45.7	0.2	<0.5	0.3	32	0.3	1.1	0.5	78	0.21	0.080			
2576	Soil	1.3	17.9	25.3	119	0.7	11.0	6.2	379	3.91	37.3	0.2	<0.5	<0.1	31	0.8	0.9	0.4	78	0.25	0.170			
2577	Soil	1.2	17.4	18.7	130	0.5	10.7	7.1	704	3.81	13.8	0.3	<0.5	0.2	29	0.8	0.4	0.2	78	0.24	0.198			
2578	Soil	1.7	23.7	17.9	114	0.2	10.7	6.4	331	3.68	15.2	0.3	1.6	0.1	47	0.6	0.4	0.2	76	0.30	0.110			
2579	Soil	2.0	90.8	18.5	210	0.6	25.4	15.1	3125	4.63	28.0	1.0	<0.5	0.3	115	1.7	0.4	0.3	75	1.16	0.166			
2580	Soil	1.9	18.2	14.7	108	0.6	8.2	5.0	301	3.78	19.4	0.2	0.9	0.2	34	0.7	0.4	0.4	77	0.24	0.233			
2581	Soil	1.3	19.6	14.6	103	0.3	12.9	6.9	328	4.53	13.8	0.2	<0.5	<0.1	24	0.8	0.4	0.2	91	0.19	0.144			
2582	Soil	1.4	18.1	13.9	113	0.2	11.3	6.3	469	4.33	12.8	0.3	<0.5	0.7	24	0.5	0.4	0.2	79	0.14	0.159			
2583	Soil	1.4	14.1	17.9	84	0.5	9.8	5.4	273	3.91	16.9	0.2	0.7	0.4	21	0.4	1.2	0.4	91	0.15	0.118			
2584	Soil	1.1	15.5	14.0	83	<0.1	10.7	6.2	342	3.61	9.6	0.2	<0.5	0.5	17	0.3	0.3	0.1	80	0.14	0.135			
2585	Soil	1.0	16.7	11.3	79	0.1	10.3	5.4	237	3.45	12.8	0.2	<0.5	0.1	28	0.5	0.4	0.2	81	0.12	0.061			
2586	Soil	1.4	16.3	14.3	175	0.7	14.0	7.6	344	4.43	27.7	0.2	<0.5	0.6	31	0.7	0.8	0.2	90	0.15	0.086			
2587	Soil	1.4	11.4	20.1	134	0.3	7.0	4.3	341	5.25	225.5	<0.1	<0.5	0.3	8	0.4	9.1	1.2	54	0.06	0.100			
2588	Soil	1.4	11.6	12.3	137	0.1	13.4	13.5	376	5.58	48.4	0.2	<0.5	1.4	14	0.5	1.5	0.3	49	0.14	0.109			
2589	Soil	2.0	15.2	54.3	722	0.4	15.8	7.9	786	4.56	151.4	0.3	<0.5	1.4	27	1.8	1.6	0.5	65	0.21	0.082			
2590	Soil	0.9	11.0	15.4	196	0.2	7.8	6.0	562	4.30	13.1	<0.1	<0.5	0.3	14	0.5	1.0	0.2	51	0.12	0.109			
2591	Soil	1.5	15.1	15.7	154	0.1	11.5	9.0	658	3.91	9.9	0.2	<0.5	0.5	42	0.8	0.2	0.2	87	0.26	0.123			
2592	Soil	1.7	17.8	17.6	133	0.2	16.4	15.7	1053	5.12	19.4	0.2	<0.5	0.6	15	0.8	0.9	0.2	81	0.30	0.122			
2593	Soil	1.2	9.5	19.0	141	0.2	7.7	6.0	498	3.84	9.6	<0.1	<0.5	0.2	19	0.8	1.3	0.1	41	0.29	0.112			
2594	Soil	0.8	18.5	18.0	173	0.3	14.7	13.8	1600	3.56	7.0	0.4	<0.5	0.9	45	0.8	0.2	0.2	63	0.48	0.031			
2595	Soil	0.9	12.0	15.8	109	0.5	9.3	6.3	306	2.76	6.2	0.2	<0.5	0.3	26	0.8	0.2	0.2	62	0.42	0.038			
2596	Soil	1.0	81.0	18.6	148	1.0	23.9	12.4	2739	3.49	8.9	0.6	0.9	0.4	73	1.0	1.1	0.2	37	1.65	0.092			
2597	Soil	2.2	41.1	33.7	195	0.3	11.2	11.2	1244	4.44	38.5	0.2	6.3	0.8	24	1.1	1.5	0.3	51	0.20	0.108			



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Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	
2568	Soil	4	15	0.34	97	0.041	<20	1.83	0.008	0.05	<0.1	0.07	2.5	0.1	<0.05	8	<0.5
2569	Soil	2	23	0.55	51	0.196	<20	1.70	0.006	0.06	<0.1	0.04	5.7	<0.1	<0.05	9	<0.5
2570	Soil	54	8	0.29	232	0.014	<20	1.85	0.011	0.06	0.1	0.06	1.2	0.3	<0.05	6	2.6
2571	Soil	43	14	0.52	224	0.012	<20	2.49	0.013	0.10	0.1	0.05	2.2	0.2	0.08	9	1.8
2572	Soil	9	2	0.28	150	0.013	<20	1.41	0.012	0.07	0.1	0.05	0.8	0.1	<0.05	10	<0.5
2573	Soil	4	8	0.23	152	0.022	<20	1.61	0.011	0.09	<0.1	0.06	1.6	<0.1	0.07	12	0.7
2574	Soil	25	<1	0.23	43	0.011	<20	2.95	0.013	0.04	0.1	0.18	0.9	<0.1	0.07	5	1.7
2575	Soil	5	12	0.20	136	0.024	<20	1.36	0.007	0.05	<0.1	0.04	2.4	<0.1	<0.05	7	<0.5
2576	Soil	5	14	0.27	149	0.026	<20	1.45	0.008	0.06	0.1	0.05	2.1	<0.1	<0.05	8	<0.5
2577	Soil	5	15	0.27	225	0.026	<20	1.70	0.009	0.06	<0.1	0.04	2.6	<0.1	<0.05	8	<0.5
2578	Soil	6	12	0.29	222	0.020	<20	1.89	0.011	0.06	<0.1	0.05	2.2	<0.1	<0.05	9	0.5
2579	Soil	41	22	0.64	334	0.007	<20	3.54	0.011	0.10	<0.1	0.08	4.0	0.2	<0.05	10	1.9
2580	Soil	5	12	0.20	178	0.027	<20	1.51	0.011	0.07	<0.1	0.03	2.3	<0.1	<0.05	8	<0.5
2581	Soil	4	17	0.36	145	0.026	<20	2.13	0.010	0.04	<0.1	0.05	2.3	<0.1	<0.05	8	0.7
2582	Soil	4	17	0.30	158	0.029	<20	2.44	0.009	0.04	<0.1	0.07	3.4	<0.1	<0.05	8	<0.5
2583	Soil	3	14	0.25	120	0.028	<20	1.79	0.008	0.04	<0.1	0.05	2.6	<0.1	<0.05	8	<0.5
2584	Soil	4	15	0.31	118	0.022	<20	1.96	0.008	0.04	<0.1	0.06	3.2	<0.1	<0.05	7	<0.5
2585	Soil	4	13	0.26	165	0.025	<20	1.69	0.008	0.04	<0.1	0.05	2.1	<0.1	<0.05	7	<0.5
2586	Soil	4	18	0.33	131	0.026	<20	2.58	0.008	0.05	<0.1	0.08	3.3	<0.1	<0.05	9	0.6
2587	Soil	5	4	0.09	113	0.001	<20	1.80	0.007	0.07	<0.1	0.04	2.9	0.2	<0.05	6	<0.5
2588	Soil	11	6	0.13	145	0.001	<20	1.16	0.005	0.09	<0.1	0.02	1.5	<0.1	<0.05	5	<0.5
2589	Soil	7	19	0.17	160	0.004	<20	1.75	0.006	0.05	<0.1	0.04	3.1	0.2	<0.05	7	<0.5
2590	Soil	5	7	0.10	148	0.002	<20	1.60	0.005	0.05	<0.1	0.03	3.5	<0.1	<0.05	5	0.8
2591	Soil	5	15	0.31	220	0.017	<20	2.00	0.009	0.06	<0.1	0.04	3.2	<0.1	<0.05	9	<0.5
2592	Soil	5	20	0.22	108	0.004	<20	1.49	0.004	0.07	<0.1	0.06	3.5	<0.1	<0.05	5	<0.5
2593	Soil	3	9	0.05	110	0.002	<20	0.96	0.007	0.06	<0.1	0.05	2.3	<0.1	<0.05	4	<0.5
2594	Soil	7	20	0.37	249	0.013	<20	1.89	0.009	0.04	<0.1	0.05	4.8	<0.1	<0.05	5	0.6
2595	Soil	5	14	0.12	111	0.011	<20	1.27	0.010	0.03	<0.1	0.04	2.1	<0.1	<0.05	5	0.5
2596	Soil	34	16	0.36	204	0.009	<20	1.57	0.014	0.08	<0.1	0.12	6.2	<0.1	0.05	4	2.1
2597	Soil	7	15	0.15	183	0.004	<20	1.34	0.008	0.08	0.1	0.03	4.6	<0.1	<0.05	4	0.7

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CERTIFICATE OF ANALYSIS

SMI08000628.1

Method	Analyte	Unit	MDL	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ag	1DX Ni	1DX Co	1DX Mn	1DX Fe	1DX As	1DX U	1DX Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2598	Soil	2.0	44.8	58.8	264	0.2	17.0	17.3	2339	4.77	30.9	0.3	<0.5	0.4	29	1.8	1.5	0.3	59	0.31	0.113		
2599	Soil	1.7	50.6	30.5	324	0.4	18.0	14.8	2176	4.04	32.1	0.5	1.4	0.4	68	1.7	1.5	0.3	55	1.00	0.147		
2600	Soil	1.5	40.0	25.5	211	0.4	19.6	14.2	1452	4.56	27.8	0.4	0.6	0.9	40	0.9	0.8	0.3	75	0.69	0.079		
2910	Soil	2.5	26.5	23.5	77	0.4	10.8	6.8	552	5.92	32.6	0.2	<0.5	0.2	11	0.1	1.7	0.8	130	0.09	0.113		
2911	Soil	1.6	35.2	19.2	74	0.8	10.4	7.3	346	5.05	13.7	0.3	1.8	0.2	12	0.2	0.9	0.4	138	0.18	0.086		
2912	Soil	2.3	44.9	28.4	121	1.1	11.8	7.7	612	6.40	68.2	0.3	6.0	0.5	9	0.3	1.4	1.1	120	0.09	0.138		
2913	Soil	2.1	22.2	19.1	81	1.0	8.2	5.9	446	5.16	42.8	0.2	3.5	0.5	17	0.2	2.9	1.2	113	0.18	0.108		
2914	Soil	2.5	30.9	33.6	66	1.0	5.3	3.0	160	4.17	65.1	0.3	6.7	<0.1	23	0.3	2.3	3.5	82	0.07	0.086		
2915	Soil	1.6	48.5	14.0	69	1.8	10.6	7.1	299	2.67	8.3	0.7	3.1	<0.1	22	0.4	0.5	0.7	76	0.21	0.073		
2916	Soil	1.3	75.1	6.5	18	5.3	5.2	1.9	54	8.30	5.3	2.1	46.5	<0.1	14	0.2	0.5	0.4	33	0.14	0.179		
2917	Soil	1.4	43.8	19.6	270	1.4	16.0	19.7	2583	4.01	16.0	0.4	<0.5	<0.1	28	1.1	0.4	0.3	87	0.33	0.154		
2918	Soil	1.3	22.2	13.6	93	0.4	9.2	6.2	361	3.32	12.2	0.2	0.9	<0.1	16	0.5	0.4	0.3	84	0.19	0.117		
2919	Soil	1.1	14.4	15.9	144	1.3	7.9	5.3	405	3.29	8.4	0.2	0.6	<0.1	20	0.6	0.3	0.3	77	0.26	0.156		
2920	Soil	1.5	30.5	19.8	135	0.6	12.7	8.3	768	4.19	22.3	0.4	1.5	0.1	32	0.7	0.6	0.3	93	0.36	0.282		
2921	Soil	1.0	55.8	22.0	193	0.5	20.0	15.9	2854	4.43	23.5	0.5	0.5	0.2	36	1.8	0.3	0.3	100	0.45	0.173		
2922	Soil	1.2	23.1	20.0	143	0.4	14.6	9.6	724	3.96	28.0	0.3	0.6	0.1	24	0.9	0.4	0.3	91	0.23	0.152		
2923	Soil	1.4	36.5	16.3	124	0.5	14.9	10.0	976	3.68	15.3	0.4	<0.5	<0.1	53	0.8	0.3	0.3	85	0.49	0.089		
2924	Soil	1.7	38.7	18.1	143	0.7	17.1	12.7	1244	4.01	29.3	0.4	0.9	0.1	35	0.9	0.6	0.4	91	0.36	0.134		
2925	Soil	2.0	45.8	18.1	132	0.5	15.2	8.0	457	4.08	34.2	0.6	1.4	0.1	49	0.7	0.9	0.6	84	0.33	0.082		
2926	Soil	1.7	57.5	18.0	151	0.8	20.9	14.5	2745	3.65	18.6	1.3	0.7	0.2	97	1.8	0.4	0.3	70	1.02	0.123		
2927	Soil	2.9	14.5	24.7	82	0.7	6.3	4.0	771	5.04	62.6	0.2	631.3	<0.1	16	0.3	1.8	2.0	43	0.08	0.104		
2928	Soil	2.2	25.2	34.3	303	0.5	8.5	10.4	2762	4.14	154.2	0.2	0.6	<0.1	21	3.2	5.3	0.7	39	0.23	0.116		
2929	Soil	2.0	107.2	38.9	342	2.7	26.4	12.9	1965	5.16	160.2	1.0	5.0	0.7	53	1.8	2.0	1.8	73	0.81	0.115		
2930	Soil	1.4	37.7	31.2	236	0.8	17.0	12.0	2885	3.93	43.8	0.5	1.8	0.2	32	8.4	1.6	1.1	60	0.59	0.081		
2931	Soil	1.1	16.0	22.2	191	0.4	6.6	10.0	2183	4.51	37.5	0.2	<0.5	0.2	12	0.8	2.0	0.3	42	0.21	0.208		
2932	Soil	1.6	21.8	18.5	100	0.3	10.8	6.5	318	3.80	13.4	0.3	1.3	0.4	30	0.6	0.3	0.2	97	0.41	0.098		
2933	Soil	1.3	41.1	16.7	122	0.5	19.3	8.9	511	3.29	25.3	0.4	1.3	0.1	81	1.3	1.2	0.2	57	1.62	0.101		
2934	Soil	1.1	60.3	20.8	172	1.3	31.4	15.6	1339	4.43	33.6	0.6	1.4	0.7	75	1.1	1.1	0.2	76	1.25	0.094		
2935	Soil	1.2	36.5	17.3	135	0.1	17.4	15.4	1305	2.61	11.9	0.3	0.9	0.2	50	2.6	0.6	0.1	62	0.56	0.078		
2936	Soil	1.0	7.6	11.5	46	<0.1	5.1	2.8	130	1.58	5.3	0.2	0.8	0.4	16	0.2	0.2	0.2	52	0.15	0.037		

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Project: Trail Peak
Report Date: July 25, 2008

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CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	
2598	Soil	8	18	0.24	197	0.007	<20	1.60	0.009	0.08	<0.1	0.04	4.1	<0.1	<0.05	5	0.5
2599	Soil	14	19	0.34	269	0.008	<20	1.82	0.011	0.08	<0.1	0.06	5.8	<0.1	0.05	5	0.8
2600	Soil	13	25	0.42	167	0.009	<20	2.31	0.009	0.07	<0.1	0.03	5.5	0.1	<0.05	7	<0.5
2910	Soil	6	21	0.25	112	0.026	<20	1.88	0.021	0.06	<0.1	0.03	2.8	0.1	0.10	9	<0.5
2911	Soil	4	21	0.24	82	0.056	<20	1.53	0.009	0.06	<0.1	0.04	3.1	<0.1	<0.05	9	<0.5
2912	Soil	5	23	0.37	101	0.028	<20	2.43	0.010	0.05	0.1	0.06	3.6	0.1	0.05	10	0.8
2913	Soil	5	19	0.21	109	0.032	<20	1.59	0.010	0.06	<0.1	0.05	3.2	<0.1	0.05	9	<0.5
2914	Soil	8	15	0.13	200	0.019	<20	1.40	0.010	0.12	0.5	0.04	1.5	0.1	0.20	8	0.6
2915	Soil	9	19	0.21	122	0.026	<20	1.61	0.010	0.05	<0.1	0.07	1.7	<0.1	<0.05	7	0.6
2916	Soil	22	13	0.07	46	0.005	<20	1.28	0.010	0.03	<0.1	0.64	1.3	<0.1	0.17	2	3.1
2917	Soil	6	24	0.30	228	0.014	<20	2.03	0.007	0.08	<0.1	0.06	1.3	<0.1	<0.05	8	<0.5
2918	Soil	5	18	0.20	104	0.029	<20	1.24	0.008	0.05	<0.1	0.05	1.7	<0.1	<0.05	7	<0.5
2919	Soil	5	18	0.16	160	0.027	<20	1.42	0.010	0.06	0.1	0.03	1.5	<0.1	<0.05	8	<0.5
2920	Soil	4	23	0.29	124	0.033	<20	1.55	0.009	0.06	<0.1	0.04	2.0	<0.1	<0.05	7	0.5
2921	Soil	11	34	0.37	227	0.029	<20	2.24	0.010	0.09	<0.1	0.03	4.6	0.1	<0.05	10	<0.5
2922	Soil	5	25	0.35	204	0.028	<20	1.84	0.008	0.06	<0.1	0.02	2.6	<0.1	<0.05	8	<0.5
2923	Soil	12	25	0.35	214	0.020	<20	1.93	0.011	0.05	<0.1	0.03	2.2	<0.1	<0.05	8	<0.5
2924	Soil	6	29	0.46	207	0.025	<20	2.24	0.009	0.06	0.2	0.05	2.7	<0.1	<0.05	8	<0.5
2925	Soil	9	24	0.38	157	0.018	<20	2.01	0.011	0.06	<0.1	0.05	2.5	<0.1	<0.05	8	<0.5
2926	Soil	23	25	0.44	196	0.011	<20	2.89	0.013	0.06	<0.1	0.07	2.9	0.1	0.06	8	<0.5
2927	Soil	9	8	0.03	107	0.003	<20	0.77	0.006	0.11	0.1	0.02	0.8	0.2	0.16	4	<0.5
2928	Soil	7	9	0.04	306	0.003	<20	1.07	0.006	0.08	0.1	0.08	1.2	0.2	<0.05	4	<0.5
2929	Soil	19	30	0.43	204	0.007	<20	3.05	0.010	0.07	<0.1	0.10	6.1	0.2	0.06	9	1.3
2930	Soil	21	18	0.21	217	0.010	<20	1.62	0.007	0.04	<0.1	0.07	2.3	<0.1	<0.05	6	<0.5
2931	Soil	5	9	0.13	182	0.002	<20	1.72	0.007	0.06	0.2	0.04	1.8	0.1	<0.05	5	<0.5
2932	Soil	4	19	0.21	165	0.022	<20	1.51	0.009	0.06	0.1	0.05	2.8	<0.1	<0.05	8	<0.5
2933	Soil	14	20	0.25	164	0.008	<20	1.85	0.010	0.06	0.1	0.08	2.7	<0.1	0.10	5	0.8
2934	Soil	24	37	0.68	236	0.010	<20	2.87	0.012	0.10	<0.1	0.15	8.4	0.2	<0.05	7	1.9
2935	Soil	6	22	0.32	156	0.040	<20	1.17	0.012	0.06	<0.1	0.07	3.1	<0.1	<0.05	4	<0.5
2936	Soil	5	12	0.12	97	0.028	<20	0.95	0.008	0.03	<0.1	0.01	1.7	<0.1	<0.05	5	<0.5

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Project:

Trail Peak

Report Date:

July 25, 2008

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Part 1

CERTIFICATE OF ANALYSIS

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Method	Analyte	Unit	MDL	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ag	1DX Ni	1DX Co	1DX Mn	1DX Fe	1DX As	1DX U	1DX Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2937	Soil	1.3	20.7	18.0	203	0.2	13.9	14.5	1539	4.07	18.6	0.3	<0.5	0.7	39	1.2	0.8	0.3	72	0.47	0.335		
2938	Soil	1.1	10.6	14.9	191	0.3	9.7	7.4	284	3.71	11.7	0.2	<0.5	0.5	22	0.7	0.5	0.3	76	0.19	0.089		
2939	Soil	1.7	20.6	19.9	164	0.2	16.7	12.1	811	4.48	20.3	0.2	<0.5	0.5	43	0.4	0.7	0.3	79	0.37	0.083		
2940	Soil	1.2	27.8	15.4	129	0.5	19.2	12.5	763	3.32	17.3	0.4	<0.5	0.5	92	0.7	0.5	0.2	60	0.66	0.039		
2941	Soil	1.9	15.9	16.1	109	0.3	9.5	5.4	282	3.17	8.2	0.2	1.0	0.3	36	0.8	0.4	0.2	71	0.28	0.051		
2942	Soil	1.3	90.6	13.8	182	1.8	30.7	13.0	2389	3.20	8.4	1.6	1.7	0.3	148	6.0	0.7	0.1	52	2.42	0.095		
2943	Soil	1.4	74.0	17.5	186	1.0	33.0	11.6	1495	4.24	12.1	0.8	1.4	0.6	93	3.5	0.7	0.2	69	1.25	0.090		
2944	Soil	1.5	16.2	18.2	195	0.2	14.3	11.3	478	4.70	11.0	0.3	1.8	0.9	40	1.5	0.4	0.1	70	0.20	0.371		
2945	Soil	1.9	27.5	15.6	86	<0.1	20.8	12.7	833	3.82	12.1	0.3	0.8	0.6	62	0.2	0.5	0.2	79	0.45	0.079		
2946	Soil	1.1	19.7	12.9	122	0.1	7.2	5.7	2004	2.12	3.9	0.2	1.5	<0.1	87	1.6	0.3	0.1	50	0.46	0.069		
2947	Soil	1.5	52.0	14.4	160	0.5	20.9	11.5	969	3.87	9.7	1.0	2.5	0.4	178	1.3	0.5	0.2	67	1.67	0.125		
2948	Soil	1.6	21.8	18.7	121	0.2	11.5	9.1	483	3.83	8.9	0.3	1.5	0.2	54	0.5	0.3	0.1	77	0.21	0.085		
2949	Soil	1.6	18.8	14.8	213	0.3	15.4	10.9	537	4.83	12.6	0.3	0.7	0.8	49	0.7	0.3	0.1	76	0.22	0.392		
2950	Soil	1.2	14.1	12.0	68	<0.1	8.4	3.9	215	2.30	5.2	0.2	4.6	0.3	39	0.5	0.3	0.1	61	0.22	0.036		
2951	Soil	1.6	17.3	20.3	163	0.3	13.5	11.0	581	4.37	11.4	0.3	1.2	0.5	39	0.7	0.4	0.1	71	0.17	0.101		
2952	Soil	1.4	16.5	14.3	143	0.2	9.7	6.2	393	3.73	9.1	0.2	1.5	0.5	38	0.6	0.4	0.1	68	0.29	0.189		
2953	Soil	1.2	12.8	21.0	283	0.1	10.0	11.2	1133	5.09	6.7	0.2	1.1	1.0	20	1.2	0.3	0.2	81	0.21	0.343		
2954	Soil	1.4	24.9	9.7	117	0.3	17.2	7.6	439	3.10	8.4	0.3	1.4	0.4	79	0.5	0.6	<0.1	60	0.39	0.071		
2955	Soil	1.5	19.0	10.0	102	<0.1	16.1	7.0	255	3.54	9.1	0.2	<0.5	0.3	56	0.4	0.4	0.1	67	0.36	0.067		
2956	Soil	1.6	59.3	16.6	197	0.6	27.1	12.4	1027	4.16	9.1	0.8	1.3	0.7	80	2.4	0.3	0.1	75	0.78	0.081		
2957	Soil	1.3	49.8	11.3	157	1.1	25.1	11.9	1152	3.24	6.3	0.8	2.2	0.5	116	3.0	0.4	<0.1	55	1.32	0.127		
2958	Soil	1.3	38.7	15.9	221	0.4	18.1	12.0	1285	3.46	8.0	0.6	1.0	0.6	98	2.5	0.2	0.1	65	0.85	0.075		
2959	Soil	1.4	39.1	12.3	152	0.4	21.2	11.0	725	3.33	9.2	0.5	2.5	0.4	96	2.1	0.4	0.1	57	0.81	0.064		
2960	Soil	1.3	14.1	11.6	158	0.2	11.0	10.5	1833	3.18	6.8	0.2	1.1	0.4	35	1.3	0.3	0.1	62	0.15	0.145		
2961	Soil	1.8	32.5	12.4	146	0.2	23.7	11.3	420	4.38	11.5	0.3	1.0	0.8	87	0.5	0.5	<0.1	68	0.26	0.094		
2962	Soil	1.5	18.0	7.7	67	0.2	8.0	5.6	519	2.30	5.6	0.2	<0.5	0.1	64	0.3	0.3	0.1	55	0.21	0.039		
2963	Soil	1.5	21.7	26.7	192	0.2	14.2	13.8	1495	3.62	11.8	0.2	2.5	0.4	60	0.9	0.6	0.1	62	0.49	0.115		
2964	Soil	1.3	10.6	11.1	161	<0.1	10.1	5.9	292	3.22	6.6	0.2	1.2	0.2	32	0.9	0.3	0.1	61	0.15	0.131		
2965	Soil	1.3	15.1	10.4	98	0.2	9.5	5.9	664	2.67	6.3	0.2	0.6	0.1	47	0.9	0.4	<0.1	56	0.20	0.080		
2966	Soil	1.6	24.0	11.4	123	0.2	15.7	7.5	403	3.36	10.3	0.3	1.4	0.3	75	0.5	0.3	0.1	66	0.46	0.059		



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Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	
2937	Soil	5	16	0.35	196	0.027	<20	1.78	0.010	0.10	0.3	0.06	3.8	<0.1	0.07	6	<0.5
2938	Soil	5	15	0.22	112	0.020	<20	1.52	0.009	0.06	<0.1	0.02	2.7	<0.1	<0.05	7	<0.5
2939	Soil	5	13	0.32	150	0.015	<20	1.94	0.008	0.10	0.1	0.05	3.6	0.1	<0.05	7	<0.5
2940	Soil	8	19	0.41	180	0.020	<20	1.99	0.014	0.05	<0.1	0.04	4.8	0.1	<0.05	5	<0.5
2941	Soil	6	8	0.14	122	0.009	<20	1.32	0.008	0.04	0.2	0.03	2.1	<0.1	<0.05	6	<0.5
2942	Soil	23	7	0.34	205	0.016	<20	1.83	0.014	0.04	0.4	0.10	3.7	0.1	0.10	5	4.9
2943	Soil	36	19	0.53	242	0.009	<20	2.83	0.012	0.06	0.2	0.06	6.3	0.1	<0.05	8	1.7
2944	Soil	5	13	0.25	169	0.011	<20	3.01	0.009	0.04	0.2	0.06	4.0	<0.1	<0.05	7	<0.5
2945	Soil	9	15	0.28	362	0.006	<20	1.83	0.006	0.11	0.1	0.04	3.7	<0.1	<0.05	6	<0.5
2946	Soil	5	7	0.09	241	0.015	<20	0.77	0.010	0.07	0.2	0.04	1.2	<0.1	<0.05	5	<0.5
2947	Soil	21	10	0.37	233	0.006	<20	2.27	0.017	0.06	0.3	0.10	5.9	0.2	<0.05	7	1.9
2948	Soil	6	8	0.20	198	0.012	<20	1.81	0.008	0.06	0.1	0.05	2.9	0.1	<0.05	7	<0.5
2949	Soil	4	13	0.31	217	0.010	<20	2.77	0.009	0.07	0.2	0.06	4.0	0.1	<0.05	8	<0.5
2950	Soil	5	8	0.13	129	0.019	<20	0.86	0.010	0.06	0.2	0.02	2.0	<0.1	<0.05	5	<0.5
2951	Soil	6	12	0.23	190	0.010	<20	1.86	0.008	0.06	0.2	0.04	2.9	<0.1	<0.05	7	<0.5
2952	Soil	4	8	0.19	193	0.008	<20	1.66	0.007	0.06	0.3	0.06	2.6	<0.1	<0.05	7	<0.5
2953	Soil	5	13	0.19	159	0.010	<20	2.37	0.006	0.07	0.2	0.04	2.8	<0.1	<0.05	10	0.5
2954	Soil	6	16	0.37	214	0.012	<20	1.54	0.011	0.06	0.2	0.04	3.0	0.1	<0.05	5	<0.5
2955	Soil	4	15	0.30	185	0.017	<20	1.59	0.007	0.05	<0.1	0.03	2.9	<0.1	<0.05	6	<0.5
2956	Soil	15	17	0.39	280	0.006	<20	2.87	0.011	0.06	0.2	0.18	5.2	0.2	<0.05	9	0.9
2957	Soil	28	7	0.38	268	0.005	<20	2.65	0.018	0.07	0.3	0.15	5.5	0.2	<0.05	6	1.0
2958	Soil	16	14	0.30	318	0.008	<20	2.26	0.012	0.05	0.1	0.06	4.8	<0.1	<0.05	7	1.1
2959	Soil	13	8	0.27	260	0.012	<20	1.85	0.013	0.05	0.2	0.05	4.5	<0.1	<0.05	6	0.7
2960	Soil	5	13	0.18	270	0.014	<20	1.77	0.009	0.05	0.1	0.03	2.9	0.1	<0.05	6	<0.5
2961	Soil	4	19	0.43	250	0.012	<20	2.90	0.008	0.06	0.1	0.05	5.0	0.1	<0.05	6	0.8
2962	Soil	6	8	0.11	229	0.011	<20	1.04	0.008	0.04	0.1	0.02	2.0	<0.1	<0.05	5	<0.5
2963	Soil	5	12	0.28	233	0.007	<20	1.51	0.007	0.09	<0.1	0.03	3.1	<0.1	<0.05	5	0.8
2964	Soil	5	12	0.17	170	0.023	<20	1.26	0.010	0.04	0.1	0.02	2.2	<0.1	<0.05	7	<0.5
2965	Soil	4	8	0.18	212	0.013	<20	1.16	0.007	0.06	0.2	0.04	1.7	<0.1	<0.05	5	<0.5
2966	Soil	9	14	0.33	243	0.010	<20	1.85	0.014	0.04	<0.1	0.03	3.3	0.1	<0.05	6	<0.5

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Project:

Trail Peak

Report Date:

July 25, 2008

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Part 1

CERTIFICATE OF ANALYSIS

SMI08000628.1

Method	Analyte	Unit	MDL	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ag	1DX Ni	1DX Co	1DX Mn	1DX Fe	1DX As	1DX U	1DX Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
2967	Soil	1.2	12.0	11.3	84	<0.1	10.2	5.0	297	2.95	7.3	0.2	1.4	0.1	52	0.5	0.4	0.1	66	0.46	0.065		
2968	Soil	1.4	17.0	11.6	74	0.1	9.4	4.8	264	2.68	7.4	0.2	<0.5	0.2	45	0.3	0.4	0.1	68	0.28	0.031		
2969	Soil	2.8	23.5	8.8	99	0.3	8.7	10.3	370	3.52	4.7	0.2	2.0	0.4	27	0.6	0.2	0.1	67	0.39	0.097		
2970	Soil	1.5	33.9	19.9	146	0.3	15.9	11.2	716	3.52	25.3	0.3	1.7	0.3	51	0.7	1.1	0.2	62	0.51	0.061		
2971	Soil	1.3	50.2	14.0	151	1.0	19.6	10.0	1146	2.90	7.2	0.4	1.3	0.2	103	2.4	0.5	0.1	50	2.25	0.137		
2972	Soil	1.1	46.4	18.9	170	0.7	25.1	13.7	1100	3.98	8.9	0.5	1.0	0.6	77	1.5	0.5	0.1	71	1.12	0.055		
2973	Soil	1.1	15.2	13.8	139	0.2	8.3	5.1	355	2.75	6.0	0.2	0.9	0.1	39	1.0	0.2	0.2	72	0.54	0.057		
2974	Soil	0.9	9.0	13.8	113	0.1	7.3	4.6	238	2.72	5.7	0.1	<0.5	<0.1	17	0.5	0.2	0.2	54	0.21	0.072		
2975	Soil	1.5	37.9	16.8	135	0.5	20.6	9.5	820	3.71	10.2	0.4	<0.5	0.4	50	0.8	0.1	0.2	59	0.75	0.070		
2976	Soil	1.1	54.2	16.0	160	0.4	23.4	11.7	1317	3.25	8.6	0.6	0.8	0.3	86	0.9	0.4	0.1	57	1.23	0.119		
2977	Soil	2.8	36.3	27.4	250	0.1	29.8	16.4	520	6.00	72.1	0.2	<0.5	1.0	12	0.7	1.1	0.2	51	0.20	0.107		
2978	Soil	1.3	21.6	14.9	65	0.2	5.9	7.1	759	6.62	17.7	0.1	<0.5	0.3	11	0.3	0.4	0.1	58	0.20	0.127		
2979	Soil	3.8	21.2	22.7	59	1.6	7.7	7.2	1227	6.42	18.6	0.1	<0.5	0.4	8	0.2	0.2	0.2	39	0.09	0.145		
2980	Soil	0.5	13.1	11.8	43	0.2	5.9	3.7	252	2.48	9.4	<0.1	<0.5	<0.1	5	0.2	1.0	0.1	39	0.05	0.100		
2981	Soil	1.1	21.9	7.1	113	0.1	16.4	8.4	384	3.69	6.7	0.2	<0.5	0.4	73	0.4	<0.1	0.1	75	0.26	0.098		
2982	Soil	1.4	23.4	10.7	82	0.2	12.0	9.0	773	3.02	5.2	0.3	<0.5	0.1	41	0.6	<0.1	0.1	70	0.19	0.081		
2983	Soil	1.2	26.7	15.8	91	0.2	15.1	8.5	381	3.46	7.7	0.3	0.8	0.6	32	0.6	0.3	0.1	69	0.19	0.076		
2984	Soil	1.6	33.6	17.9	158	0.3	15.5	9.3	646	3.50	9.4	0.3	<0.5	0.1	72	0.6	0.2	0.1	67	0.36	0.073		
2985	Soil	1.3	61.4	11.3	131	1.2	24.3	8.7	789	3.30	7.2	0.7	<0.5	0.1	156	1.6	0.3	0.1	57	1.48	0.112		
2986	Soil	0.9	18.2	9.2	93	0.1	13.1	7.1	609	2.86	6.1	0.3	<0.5	<0.1	62	0.3	0.1	0.1	67	0.42	0.049		
2987	Soil	1.2	18.7	12.4	87	0.2	12.1	7.8	424	2.96	5.6	0.2	<0.5	<0.1	68	0.6	0.2	0.1	64	0.45	0.069		
3101	Soil	1.2	16.4	11.3	95	0.2	9.2	5.6	336	3.26	6.9	0.3	0.6	<0.1	56	0.6	0.1	0.1	77	0.48	0.063		
3102	Soil	1.1	24.1	13.4	133	0.3	13.2	10.5	1377	2.70	7.0	0.3	<0.5	<0.1	67	1.3	0.3	0.1	49	0.81	0.077		
3103	Soil	1.1	57.2	11.2	162	1.3	26.1	11.8	1219	3.98	6.8	0.8	0.9	0.3	77	2.7	<0.1	0.1	70	1.26	0.137		
3104	Soil	1.0	28.1	14.1	121	0.5	13.5	10.0	1236	2.61	9.3	0.3	<0.5	<0.1	115	1.3	0.3	0.1	55	1.00	0.084		
3105	Soil	2.2	41.9	10.6	132	0.7	17.0	15.5	2319	3.97	6.4	1.2	<0.5	<0.1	70	0.7	<0.1	0.1	82	0.40	0.128		
3106	Soil	2.0	19.3	10.4	133	0.4	10.5	7.2	1249	2.70	7.3	0.3	<0.5	<0.1	33	1.0	0.1	0.1	62	0.19	0.077		
3107	Soil	1.5	97.9	19.1	221	1.1	26.7	16.7	1964	4.27	14.0	0.9	0.8	0.3	76	2.9	0.3	0.2	80	1.21	0.148		
3108	Soil	1.5	77.9	16.6	172	1.9	24.2	17.7	1393	3.59	15.0	0.8	1.0	0.2	67	2.3	0.6	0.1	72	1.28	0.106		
3109	Soil	1.5	80.9	23.9	526	3.3	27.3	15.5	1433	4.32	63.8	0.6	1.7	0.4	55	2.0	1.8	0.2	68	1.03	0.098		



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Project: Trail Peak
Report Date: July 25, 2008

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CERTIFICATE OF ANALYSIS

SMI08000628.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	
2967	Soil	4	10	0.16	180	0.018	<20	1.15	0.009	0.06	0.1	0.02	1.6	<0.1	<0.05	6	0.7
2968	Soil	7	12	0.21	167	0.017	<20	1.08	0.009	0.05	<0.1	0.02	2.3	<0.1	<0.05	5	<0.5
2969	Soil	6	4	0.19	209	0.003	<20	1.57	0.007	0.07	0.1	0.03	2.3	<0.1	<0.05	7	<0.5
2970	Soil	7	11	0.35	136	0.010	<20	1.50	0.011	0.06	0.2	0.06	3.4	<0.1	<0.05	5	1.0
2971	Soil	11	<1	0.31	186	0.008	<20	1.63	0.011	0.06	0.2	0.08	2.8	0.1	0.06	5	1.5
2972	Soil	23	21	0.45	222	0.013	<20	2.13	0.011	0.07	0.2	0.04	6.8	0.1	<0.05	7	1.4
2973	Soil	5	12	0.19	201	0.029	<20	1.08	0.010	0.09	<0.1	0.02	2.1	<0.1	<0.05	6	<0.5
2974	Soil	7	11	0.14	125	0.015	<20	0.99	0.012	0.06	<0.1	0.01	1.6	<0.1	<0.05	6	<0.5
2975	Soil	22	15	0.41	161	0.013	<20	2.32	0.015	0.08	<0.1	0.05	6.2	0.1	<0.05	6	0.5
2976	Soil	41	16	0.49	216	0.010	<20	2.67	0.018	0.07	<0.1	0.11	6.1	0.2	0.07	6	1.3
2977	Soil	12	13	0.07	122	0.003	<20	1.42	0.008	0.07	<0.1	0.05	3.9	0.1	<0.05	3	<0.5
2978	Soil	4	5	0.45	73	0.002	<20	2.86	0.011	0.07	<0.1	0.04	4.7	0.1	<0.05	10	<0.5
2979	Soil	5	5	0.21	93	0.002	<20	2.35	0.005	0.09	0.1	0.08	4.6	0.2	<0.05	6	0.7
2980	Soil	3	4	0.07	49	0.008	<20	1.10	0.007	0.06	<0.1	0.02	1.4	<0.1	<0.05	5	<0.5
2981	Soil	4	21	0.53	207	0.026	<20	2.00	0.011	0.04	<0.1	0.02	4.1	<0.1	<0.05	7	<0.5
2982	Soil	7	19	0.39	183	0.027	<20	2.16	0.015	0.04	<0.1	0.03	3.3	0.1	<0.05	7	<0.5
2983	Soil	4	21	0.44	176	0.039	<20	2.15	0.013	0.03	<0.1	0.06	4.2	<0.1	<0.05	5	<0.5
2984	Soil	12	16	0.37	244	0.012	<20	2.02	0.013	0.06	<0.1	0.03	2.9	<0.1	<0.05	6	<0.5
2985	Soil	72	13	0.49	164	0.007	<20	2.72	0.012	0.06	<0.1	0.11	3.9	0.1	0.08	7	1.5
2986	Soil	6	20	0.47	171	0.025	<20	1.74	0.012	0.04	<0.1	0.03	2.7	<0.1	<0.05	6	<0.5
2987	Soil	6	14	0.35	243	0.020	<20	1.53	0.015	0.04	<0.1	0.04	1.9	<0.1	<0.05	5	<0.5
3101	Soil	4	13	0.24	225	0.022	<20	1.56	0.015	0.05	<0.1	0.03	1.7	<0.1	<0.05	8	<0.5
3102	Soil	11	10	0.28	226	0.011	<20	1.83	0.013	0.04	<0.1	0.05	2.1	<0.1	<0.05	5	0.8
3103	Soil	16	25	0.51	267	0.008	<20	3.39	0.021	0.08	<0.1	0.06	4.5	0.1	<0.05	9	1.1
3104	Soil	13	14	0.35	295	0.013	<20	1.63	0.017	0.06	<0.1	0.04	1.0	<0.1	<0.05	5	0.6
3105	Soil	13	27	0.50	307	0.010	<20	3.07	0.015	0.06	<0.1	0.05	1.7	0.1	<0.05	9	0.6
3106	Soil	7	16	0.31	248	0.015	<20	2.06	0.010	0.04	<0.1	0.04	0.8	<0.1	<0.05	7	<0.5
3107	Soil	24	30	0.59	235	0.016	<20	2.95	0.012	0.06	<0.1	0.05	4.9	0.2	<0.05	9	1.1
3108	Soil	34	29	0.60	192	0.019	<20	2.65	0.014	0.05	<0.1	0.15	5.2	0.2	<0.05	7	2.8
3109	Soil	39	30	0.62	163	0.016	<20	2.60	0.009	0.06	<0.1	0.14	7.9	0.2	<0.05	7	2.1

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Project: Trail Peak
Report Date: July 25, 2008

Page: 10 of 12 **Part** 1

CERTIFICATE OF ANALYSIS

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Method	Analyte	Unit	MDL	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ag	1DX Ni	1DX Co	1DX Mn	1DX Fe	1DX As	1DX U	1DX Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
3110	Soil	1.3	31.8	15.6	502	0.4	16.6	12.0	906	3.61	25.8	0.3	<0.5	<0.1	26	2.0	0.5	0.2	68	0.43	0.086		
3111	Soil	1.7	21.1	14.9	217	0.4	10.4	6.3	371	3.15	22.2	0.2	<0.5	<0.1	16	1.8	0.5	0.1	74	0.27	0.069		
3112	Soil	1.6	21.1	20.1	180	0.1	11.9	7.4	441	4.27	31.2	0.3	<0.5	0.1	16	0.6	0.7	0.2	95	0.22	0.090		
3113	Soil	1.3	33.5	29.5	595	0.4	17.6	13.7	1212	4.45	177.7	0.3	<0.5	<0.1	17	1.3	1.1	0.4	93	0.38	0.091		
3114	Soil	1.7	33.9	25.7	310	0.4	13.7	12.0	1249	5.64	50.9	0.6	1.5	0.1	11	1.2	2.0	0.3	122	0.18	0.106		
3115	Soil	1.7	32.7	12.6	151	0.2	13.7	10.3	741	5.94	22.4	0.4	1.5	0.2	8	0.4	0.6	0.6	139	0.13	0.096		
3116	Soil	1.1	22.1	13.4	114	0.2	11.1	7.6	439	4.81	32.3	0.3	<0.5	0.1	7	0.3	0.5	0.3	130	0.15	0.085		
3117	Soil	1.7	25.8	11.8	141	0.2	8.7	9.1	1123	3.47	44.0	0.3	0.9	<0.1	11	1.5	0.6	0.3	105	0.23	0.111		
3118	Soil	1.3	33.7	12.9	102	<0.1	16.3	10.6	510	4.40	13.9	0.4	0.8	0.2	6	0.3	0.7	0.2	116	0.16	0.079		
3119	Soil	1.4	17.3	11.6	69	0.7	8.2	5.7	331	3.63	11.1	0.2	1.2	<0.1	9	0.3	0.6	0.2	98	0.13	0.110		
3120	Soil	1.6	40.5	11.5	43	0.5	7.0	8.5	412	2.13	6.4	0.6	2.3	<0.1	17	0.3	0.4	0.3	68	0.11	0.081		
3121	Soil	2.1	50.1	11.7	100	0.6	15.9	19.2	852	4.01	13.6	0.4	2.1	<0.1	21	0.4	1.4	0.5	94	0.18	0.083		
3122	Soil	1.3	26.8	15.8	107	0.4	10.2	9.8	842	4.38	17.1	0.4	1.1	<0.1	12	0.3	1.1	0.3	100	0.16	0.113		
3123	Soil	1.4	19.4	17.5	155	0.5	12.1	9.0	611	4.38	20.0	0.2	1.3	0.2	18	0.6	1.1	0.3	105	0.25	0.137		
3124	Soil	1.7	57.4	19.3	138	0.1	23.7	19.5	700	4.41	28.1	0.5	4.0	1.3	16	0.6	1.0	0.3	105	0.26	0.100		
3125	Soil	1.2	18.0	14.9	92	0.3	9.8	6.5	681	3.70	23.6	0.2	0.8	<0.1	22	0.3	0.9	0.3	89	0.26	0.131		
3126	Soil	1.9	41.3	14.2	108	0.4	11.7	6.9	362	3.99	25.1	0.3	3.8	0.1	15	0.6	0.7	0.3	87	0.15	0.112		
3127	Soil	1.3	27.2	16.7	162	0.4	11.8	8.4	879	4.05	21.8	0.3	2.4	0.1	19	0.7	0.7	0.4	88	0.24	0.242		
3128	Soil	2.1	77.5	19.8	190	0.7	16.8	12.1	1719	5.22	29.6	0.5	1.4	<0.1	18	1.0	0.5	0.4	106	0.17	0.190		
3129	Soil	1.4	28.0	12.8	99	0.6	12.3	5.7	489	3.42	20.9	0.3	0.8	<0.1	23	0.4	0.6	0.3	80	0.20	0.087		
3130	Soil	1.9	56.9	21.9	217	0.5	16.9	16.4	1852	5.41	55.7	0.5	1.6	<0.1	41	0.7	0.6	0.8	98	0.45	0.265		
3131	Soil	1.9	82.9	18.9	186	0.4	21.0	17.8	1986	4.44	49.8	0.7	2.0	<0.1	38	1.1	0.7	0.6	81	0.32	0.135		
3132	Soil	2.5	50.2	31.9	109	0.6	12.0	6.0	273	4.45	122.8	0.4	6.0	<0.1	43	1.2	2.1	1.1	76	0.31	0.127		
3133	Soil	2.0	58.7	23.4	136	0.6	18.5	14.7	2022	3.76	38.8	0.8	2.3	<0.1	77	1.9	0.5	0.5	70	0.69	0.128		
3134	Soil	0.8	16.7	14.3	75	0.9	11.3	6.1	385	2.26	7.9	0.2	0.9	<0.1	42	0.4	0.1	0.2	56	0.19	0.065		
3135	Soil	1.5	71.3	18.6	126	0.8	15.3	8.9	481	4.26	29.4	0.4	1.6	0.1	29	0.8	0.4	0.4	85	0.22	0.074		
3136	Soil	1.4	27.3	16.1	128	0.1	15.5	10.6	396	4.01	24.7	0.3	1.2	0.9	24	0.7	0.6	0.3	81	0.18	0.077		
3137	Soil	1.6	113.0	17.9	128	0.5	21.1	14.1	1495	4.28	18.3	0.7	2.1	0.1	64	1.1	0.2	0.3	89	0.53	0.095		
3138	Soil	1.2	38.4	17.3	109	<0.1	19.2	17.4	948	3.38	14.9	0.4	1.0	1.0	89	0.5	0.7	0.2	71	0.53	0.061		
3139	Soil	1.1	34.0	11.9	113	0.1	24.5	14.6	1107	3.16	17.9	0.4	1.5	0.8	59	0.5	1.1	0.1	50	0.44	0.102		



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Project: Trail Peak
Report Date: July 25, 2008

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CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	
3110	Soil	7	21	0.38	148	0.018	<20	1.81	0.010	0.05	<0.1	0.04	2.5	<0.1	<0.05	6	<0.5
3111	Soil	5	15	0.26	109	0.020	<20	1.52	0.010	0.04	<0.1	0.05	1.3	<0.1	<0.05	6	<0.5
3112	Soil	5	21	0.37	125	0.032	<20	2.14	0.015	0.05	<0.1	0.04	3.1	<0.1	<0.05	8	0.6
3113	Soil	8	22	0.40	167	0.029	<20	2.18	0.008	0.05	<0.1	0.03	1.9	<0.1	<0.05	9	<0.5
3114	Soil	7	20	0.41	107	0.098	<20	2.35	0.011	0.05	<0.1	0.05	3.0	<0.1	<0.05	10	<0.5
3115	Soil	4	30	0.60	86	0.141	<20	2.38	0.009	0.05	<0.1	0.05	4.4	<0.1	<0.05	11	<0.5
3116	Soil	4	26	0.45	83	0.128	<20	2.02	0.010	0.03	<0.1	0.04	3.2	<0.1	<0.05	11	<0.5
3117	Soil	6	15	0.27	112	0.064	<20	1.68	0.008	0.04	<0.1	0.06	1.5	<0.1	0.07	9	<0.5
3118	Soil	4	28	0.68	73	0.127	<20	2.57	0.014	0.04	<0.1	0.06	4.3	<0.1	<0.05	9	<0.5
3119	Soil	4	16	0.24	77	0.045	<20	1.51	0.009	0.03	<0.1	0.05	2.0	<0.1	<0.05	8	<0.5
3120	Soil	6	13	0.15	71	0.027	<20	1.21	0.010	0.04	<0.1	0.05	0.8	<0.1	<0.05	6	<0.5
3121	Soil	4	26	0.64	97	0.049	<20	1.95	0.009	0.07	<0.1	0.04	2.0	<0.1	<0.05	8	<0.5
3122	Soil	5	19	0.37	106	0.046	<20	1.89	0.013	0.04	<0.1	0.05	2.1	<0.1	0.06	9	<0.5
3123	Soil	5	20	0.39	122	0.057	<20	1.71	0.011	0.06	<0.1	0.05	3.0	<0.1	<0.05	8	<0.5
3124	Soil	7	33	0.82	114	0.101	<20	2.79	0.014	0.06	<0.1	0.03	8.5	0.1	<0.05	7	<0.5
3125	Soil	4	16	0.26	133	0.041	<20	1.34	0.009	0.08	<0.1	0.05	1.7	<0.1	<0.05	7	<0.5
3126	Soil	5	20	0.36	160	0.049	<20	1.65	0.012	0.05	<0.1	0.04	2.5	<0.1	0.06	8	<0.5
3127	Soil	6	22	0.36	179	0.048	<20	1.69	0.011	0.05	<0.1	0.03	2.5	<0.1	0.05	9	<0.5
3128	Soil	7	32	0.44	211	0.032	<20	2.83	0.011	0.12	<0.1	0.05	2.8	0.1	<0.05	12	<0.5
3129	Soil	6	23	0.28	137	0.034	<20	1.60	0.010	0.05	<0.1	0.04	1.7	<0.1	0.05	8	<0.5
3130	Soil	6	26	0.37	182	0.022	<20	2.63	0.013	0.11	<0.1	0.06	1.6	0.1	0.07	11	<0.5
3131	Soil	13	29	0.49	195	0.018	<20	2.67	0.011	0.07	<0.1	0.03	2.3	0.1	<0.05	9	0.6
3132	Soil	12	17	0.31	177	0.020	<20	1.76	0.012	0.07	<0.1	0.05	1.5	<0.1	0.08	9	0.7
3133	Soil	25	21	0.48	233	0.009	<20	2.60	0.013	0.06	<0.1	0.06	1.4	0.1	0.09	8	0.8
3134	Soil	4	19	0.20	287	0.019	<20	1.68	0.011	0.05	<0.1	0.03	1.3	<0.1	<0.05	7	<0.5
3135	Soil	6	23	0.43	189	0.024	<20	2.54	0.012	0.05	<0.1	0.04	3.0	<0.1	<0.05	8	<0.5
3136	Soil	5	24	0.49	132	0.046	<20	2.35	0.012	0.06	<0.1	0.03	5.1	<0.1	<0.05	7	<0.5
3137	Soil	19	30	0.54	237	0.018	<20	3.07	0.016	0.08	<0.1	0.04	3.5	0.1	<0.05	10	0.5
3138	Soil	13	24	0.53	157	0.076	<20	1.69	0.017	0.07	<0.1	0.04	7.8	0.1	<0.05	5	<0.5
3139	Soil	8	21	0.35	165	0.019	<20	1.16	0.009	0.08	<0.1	2.27	5.3	0.1	<0.05	4	<0.5

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Project: Trail Peak
Report Date: July 25, 2008

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CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
3140	Soil	1.7	58.5	15.2	125	0.2	23.1	13.5	867	3.47	40.9	0.4	8.1	0.4	55	0.7	1.9	0.4	59	0.42	0.074
3141	Soil	1.6	22.2	19.6	125	0.1	16.8	11.0	491	3.59	56.1	0.2	1.5	0.3	33	0.7	1.7	0.6	62	0.22	0.108
3142	Soil	1.6	14.0	15.0	112	0.1	9.9	6.3	269	3.84	105.9	0.2	1.1	0.4	24	0.8	2.3	0.5	66	0.22	0.119
3143	Soil	1.5	13.0	15.3	190	<0.1	10.6	9.3	900	3.42	35.3	0.2	1.7	0.3	31	1.7	1.1	0.3	54	0.38	0.095
3144	Soil	1.4	18.8	27.1	283	0.2	11.6	10.2	2333	3.88	27.8	0.1	<0.5	0.4	36	1.5	2.3	0.2	35	0.30	0.163
3145	Soil	1.3	24.2	37.0	478	0.5	12.5	16.5	3323	4.37	70.6	0.3	1.7	0.2	39	3.0	1.2	0.4	55	0.47	0.136
3146	Soil	1.8	12.0	12.6	220	0.2	8.3	8.0	641	3.50	9.3	0.2	0.7	0.5	16	0.7	0.2	0.2	31	0.16	0.132
3147	Soil	1.9	16.4	21.7	216	0.3	10.3	11.0	955	4.85	37.9	0.2	<0.5	0.4	21	0.5	2.4	0.1	46	0.23	0.097
3148	Soil	1.3	16.0	24.5	269	0.1	10.2	15.7	3492	4.16	17.9	0.2	<0.5	0.4	39	2.2	0.7	0.2	42	0.50	0.229
3149	Soil	1.5	11.5	16.8	293	0.1	9.3	7.1	717	4.23	26.3	0.1	0.8	0.1	25	1.5	1.9	0.3	47	0.45	0.176
3150	Soil	1.6	15.0	15.3	297	<0.1	13.4	9.1	382	4.27	8.4	0.2	1.1	0.6	30	1.0	0.2	0.2	79	0.22	0.057
3151	Soil	1.1	7.8	9.6	65	<0.1	5.9	2.9	161	1.87	2.8	<0.1	0.5	<0.1	17	0.3	0.2	0.1	60	0.11	0.035
3152	Soil	1.0	83.2	19.7	125	1.2	19.6	9.3	572	3.57	19.8	0.9	2.5	0.3	86	2.9	0.8	0.7	54	1.63	0.065
3153	Soil	0.7	58.8	13.0	157	0.4	17.6	8.8	803	2.50	12.2	0.3	1.2	0.3	108	2.2	0.6	0.2	42	2.40	0.077
3154	Soil	1.0	36.7	2.8	72	0.4	9.9	2.7	904	0.53	1.2	0.7	<0.5	<0.1	185	2.1	0.5	<0.1	10	4.89	0.114
3155	Soil	0.7	7.9	0.8	10	0.1	3.1	0.5	56	0.08	1.1	0.2	<0.5	<0.1	189	1.3	0.2	<0.1	3	5.09	0.062
3156	Soil	0.6	14.5	0.9	83	<0.1	2.9	0.4	446	0.07	0.5	0.9	<0.5	<0.1	204	2.6	0.6	<0.1	3	5.51	0.079
3157	Soil	0.7	31.5	16.0	387	0.3	13.1	11.3	2210	2.77	3.2	0.4	0.8	0.2	97	3.0	0.3	0.1	39	1.81	0.090
3158	Soil	0.9	32.4	18.0	151	0.3	18.9	10.3	790	3.35	9.4	0.4	<0.5	0.3	77	1.1	0.4	0.2	59	0.89	0.059
3159	Soil	1.3	80.5	16.8	263	1.4	40.3	13.1	2036	4.72	15.1	0.6	<0.5	0.6	140	2.8	0.7	0.2	67	1.60	0.141
3160	Soil	0.6	54.5	5.2	135	0.8	14.4	3.7	468	1.27	5.2	0.9	<0.5	0.1	187	1.6	1.1	<0.1	16	4.59	0.090
3161	Soil	0.8	35.8	17.0	299	0.1	21.9	12.5	915	3.47	9.2	0.3	0.7	0.7	92	1.8	0.5	0.1	57	0.94	0.043
3162	Soil	0.7	75.5	12.7	278	0.6	24.0	8.4	1313	2.54	5.6	0.7	<0.5	0.2	108	3.2	0.5	0.1	39	2.51	0.090
3163	Soil	0.8	16.8	0.9	47	<0.1	5.5	0.4	101	0.07	1.7	0.1	<0.5	<0.1	168	1.7	0.4	<0.1	8	5.79	0.055
3164	Soil	1.6	17.7	13.3	168	0.2	11.9	5.9	256	4.23	13.6	0.2	<0.5	0.4	30	0.5	0.3	0.2	90	0.15	0.050
3165	Soil	1.4	18.6	14.1	131	0.2	10.4	6.9	320	3.44	14.1	0.2	1.0	0.5	23	0.4	0.6	0.2	71	0.14	0.054
3166	Soil	1.2	15.8	16.7	221	0.1	12.4	8.4	521	4.06	12.1	0.2	<0.5	0.6	32	0.6	0.3	0.1	71	0.19	0.170
3167	Soil	1.2	14.2	14.2	129	0.1	11.2	7.4	404	3.38	7.8	0.2	<0.5	0.3	71	0.7	0.3	0.1	68	0.24	0.119
3168	Soil	1.3	41.9	15.3	158	0.4	23.2	10.6	851	4.14	9.2	0.8	<0.5	0.7	91	0.5	0.3	0.2	73	0.53	0.062
3169	Soil	1.3	19.0	6.8	74	0.1	13.0	5.3	292	2.55	7.5	0.3	<0.5	<0.1	110	0.3	0.2	<0.1	53	0.44	0.047

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Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.01	0.01	0.01	0.05	1	0.5	
3140	Soil	10	22	0.46	196	0.029	<20	1.45	0.013	0.13	<0.1	0.05	4.4	0.1	0.06	5	0.8
3141	Soil	6	19	0.37	139	0.024	<20	1.72	0.011	0.07	<0.1	0.03	2.7	<0.1	<0.05	6	<0.5
3142	Soil	5	16	0.22	108	0.027	<20	1.48	0.010	0.07	<0.1	0.03	2.8	<0.1	<0.05	7	<0.5
3143	Soil	5	12	0.24	140	0.012	<20	1.53	0.009	0.09	<0.1	0.04	2.8	<0.1	<0.05	6	<0.5
3144	Soil	6	13	0.16	312	0.003	<20	1.63	0.008	0.09	<0.1	0.04	3.0	0.1	<0.05	5	<0.5
3145	Soil	18	14	0.20	182	0.016	<20	1.65	0.007	0.06	<0.1	0.04	2.3	0.1	<0.05	8	<0.5
3146	Soil	5	8	0.22	116	0.002	<20	2.00	0.007	0.10	<0.1	0.04	2.7	0.1	<0.05	5	<0.5
3147	Soil	4	9	0.25	145	0.003	<20	2.19	0.007	0.10	<0.1	0.05	4.5	0.1	<0.05	6	0.5
3148	Soil	6	7	0.25	239	0.003	<20	1.92	0.008	0.11	<0.1	0.05	3.5	0.1	<0.05	6	<0.5
3149	Soil	3	8	0.23	103	0.003	<20	1.37	0.008	0.09	0.1	0.04	1.3	<0.1	<0.05	5	<0.5
3150	Soil	5	17	0.32	136	0.017	<20	1.85	0.008	0.05	<0.1	0.02	3.2	<0.1	<0.05	8	<0.5
3151	Soil	4	9	0.11	85	0.025	<20	0.91	0.011	0.03	<0.1	0.01	1.6	<0.1	<0.05	6	<0.5
3152	Soil	20	16	0.26	149	0.027	<20	1.82	0.013	0.03	<0.1	0.08	3.6	<0.1	0.06	6	2.1
3153	Soil	9	10	0.36	153	0.019	<20	1.39	0.013	0.04	<0.1	0.05	3.1	<0.1	0.11	4	2.3
3154	Soil	10	<1	0.20	100	0.004	<20	0.38	0.014	0.02	<0.1	0.10	0.6	<0.1	0.24	1	5.0
3155	Soil	<1	<1	0.18	55	0.002	<20	0.06	0.015	0.02	<0.1	0.12	0.2	<0.1	0.25	<1	2.5
3156	Soil	<1	<1	0.20	96	0.002	<20	0.04	0.015	0.02	<0.1	0.12	0.2	<0.1	0.26	<1	4.3
3157	Soil	9	12	0.36	239	0.016	<20	1.58	0.013	0.05	<0.1	0.04	3.5	<0.1	0.09	4	1.4
3158	Soil	18	17	0.40	169	0.015	<20	1.64	0.010	0.05	<0.1	0.03	4.4	0.1	0.08	5	1.7
3159	Soil	28	14	0.56	288	0.007	<20	2.97	0.014	0.09	<0.1	0.09	8.1	0.2	0.09	8	3.0
3160	Soil	25	<1	0.25	98	0.005	<20	0.82	0.013	0.03	0.3	0.17	1.9	0.1	0.24	2	5.1
3161	Soil	11	20	0.48	164	0.016	<20	1.76	0.012	0.04	<0.1	0.04	6.3	0.1	<0.05	5	1.4
3162	Soil	12	2	0.32	140	0.014	<20	1.42	0.013	0.04	0.1	0.08	2.4	0.2	0.14	4	3.0
3163	Soil	<1	<1	0.18	65	0.001	29	0.05	0.014	0.02	0.2	0.10	0.4	<0.1	0.23	<1	5.7
3164	Soil	4	15	0.22	157	0.016	<20	1.67	0.007	0.04	<0.1	0.04	2.8	<0.1	0.05	8	<0.5
3165	Soil	4	11	0.21	172	0.018	<20	1.31	0.008	0.04	<0.1	0.03	2.5	<0.1	0.06	6	<0.5
3166	Soil	5	15	0.26	188	0.008	<20	2.10	0.008	0.07	<0.1	0.03	3.4	<0.1	<0.05	7	1.0
3167	Soil	5	15	0.21	173	0.021	<20	1.26	0.009	0.07	<0.1	0.02	2.3	<0.1	<0.05	7	<0.5
3168	Soil	19	24	0.50	250	0.008	<20	2.63	0.013	0.07	<0.1	0.03	5.8	0.2	<0.05	8	0.6
3169	Soil	4	13	0.28	240	0.012	<20	1.46	0.014	0.05	<0.1	0.02	2.3	<0.1	<0.05	5	<0.5

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Project: Trail Peak
 Report Date: July 25, 2008

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CERTIFICATE OF ANALYSIS

SMI08000628.1

Method	Analyte	Unit	MDL	1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ag	1DX Ni	1DX Co	1DX Mn	1DX Fe	1DX As	1DX U	1DX Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
3170	Soil	1.2	24.3	10.9	136	0.2	15.9	10.2	625	3.65	8.1	0.4	<0.5	0.4	75	0.5	0.2	0.1	62	0.30	0.070		
3171	Soil	1.3	20.2	9.3	98	0.1	14.8	6.1	291	2.91	7.9	0.3	<0.5	0.2	75	0.8	0.2	0.1	55	0.31	0.070		
3172	Soil	1.0	22.1	7.9	106	0.2	18.6	8.9	667	3.11	6.3	0.5	<0.5	0.5	97	0.4	0.3	<0.1	58	0.47	0.042		
3173	Soil	1.1	42.6	12.3	137	0.3	27.7	11.9	1091	4.07	7.6	0.9	0.8	0.7	95	0.8	0.3	0.1	69	0.47	0.081		
3174	Soil	1.1	19.0	10.0	84	0.1	13.3	5.7	212	2.50	6.0	0.3	<0.5	0.3	51	0.5	0.2	0.1	54	0.23	0.060		
3175	Soil	1.4	53.3	11.1	135	0.9	27.7	12.1	1261	3.81	7.4	1.7	<0.5	0.7	115	1.1	0.3	0.1	64	1.09	0.127		
02901	Soil	0.9	104.7	17.3	217	1.1	31.5	13.3	3079	3.36	8.7	0.6	1.5	0.3	78	2.3	1.0	0.2	45	1.86	0.142		
02902	Soil	1.1	24.2	16.1	199	0.3	13.9	12.0	695	4.24	12.1	0.4	2.2	0.3	44	1.6	0.3	0.2	65	1.08	0.098		
02903	Soil	1.0	16.1	8.0	31	0.3	6.4	3.3	101	1.92	3.9	0.3	2.4	<0.1	84	0.5	0.1	<0.1	38	1.64	0.062		
02904	Soil	1.1	27.5	12.0	136	0.2	16.4	9.5	1503	3.10	10.3	0.2	<0.5	0.3	62	1.4	0.4	0.1	57	0.45	0.060		
02905	Soil	1.5	13.8	13.1	72	0.2	8.3	4.1	144	2.77	9.7	0.2	1.4	0.1	29	0.6	0.5	0.2	86	0.11	0.046		
02906	Soil	1.2	14.8	18.4	247	0.2	13.8	9.8	847	3.45	12.5	0.2	<0.5	0.5	47	1.2	0.3	0.1	59	0.31	0.157		
02907	Soil	1.1	11.4	9.8	133	0.2	11.7	6.2	347	3.00	7.3	0.2	<0.5	0.2	61	0.7	0.2	0.1	56	0.32	0.133		
02908	Soil	1.5	37.4	13.6	210	0.3	19.8	11.7	943	3.80	9.1	0.6	0.8	0.5	79	1.0	0.2	0.1	66	0.52	0.072		
02909	Soil	1.1	13.7	10.2	275	0.2	12.4	5.1	249	2.63	6.7	0.2	<0.5	0.2	55	3.8	0.3	0.1	63	0.34	0.044		



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Project: Trail Peak
 Report Date: July 25, 2008

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CERTIFICATE OF ANALYSIS

SMI08000628.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	
3170	Soil	9	14	0.32	225	0.011	<20	1.96	0.011	0.06	<0.1	0.03	3.9	0.1	<0.05	7	<0.5
3171	Soil	9	14	0.24	220	0.014	<20	1.56	0.008	0.07	<0.1	0.03	2.6	<0.1	<0.05	6	0.6
3172	Soil	9	19	0.43	227	0.016	<20	1.74	0.015	0.05	<0.1	0.02	4.5	0.1	<0.05	6	0.8
3173	Soil	25	24	0.51	286	0.008	<20	2.77	0.011	0.07	<0.1	0.04	6.5	0.2	<0.05	7	1.3
3174	Soil	7	15	0.21	201	0.017	<20	1.31	0.011	0.04	<0.1	0.03	2.6	<0.1	<0.05	5	<0.5
3175	Soil	35	9	0.52	307	0.005	<20	3.06	0.013	0.08	<0.1	0.12	8.8	0.2	0.09	8	2.9
02901	Soil	32	10	0.34	172	0.013	<20	1.81	0.013	0.05	<0.1	0.12	3.9	0.2	0.11	5	3.0
02902	Soil	11	5	0.25	173	0.011	<20	2.05	0.009	0.07	0.1	0.07	2.9	0.1	0.05	6	0.8
02903	Soil	6	<1	0.10	132	0.008	<20	1.10	0.013	0.03	0.1	0.07	1.2	<0.1	0.07	4	2.6
02904	Soil	7	14	0.30	243	0.009	<20	1.53	0.010	0.07	<0.1	0.04	3.7	<0.1	<0.05	5	<0.5
02905	Soil	4	9	0.10	132	0.022	<20	0.93	0.008	0.06	<0.1	0.03	1.8	<0.1	<0.05	7	<0.5
02906	Soil	4	14	0.28	219	0.007	<20	1.71	0.010	0.10	<0.1	0.02	3.4	0.1	<0.05	6	<0.5
02907	Soil	4	15	0.21	234	0.016	<20	1.49	0.009	0.09	<0.1	0.02	2.3	<0.1	<0.05	7	<0.5
02908	Soil	18	20	0.36	226	0.014	<20	2.34	0.013	0.06	<0.1	0.04	5.1	0.2	<0.05	7	1.4
02909	Soil	5	13	0.14	255	0.017	<20	1.06	0.012	0.05	<0.1	0.02	2.3	<0.1	<0.05	5	<0.5

QUALITY CONTROL REPORT

SMI08000628.1

Method	Analyte	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
2450	Soil	1.4	25.0	27.0	1026	0.3	16.1	8.1	3282	3.89	25.4	0.2	0.9	<0.1	15	8.3	1.0	0.4	68	0.29	0.096
REP 2450	QC	1.4	23.4	26.3	943	0.3	15.0	7.8	3156	3.71	25.0	0.3	0.8	<0.1	15	7.9	1.0	0.4	69	0.28	0.093
2511	Soil	1.3	57.3	17.9	425	0.5	20.0	13.5	1625	3.96	14.8	0.6	0.7	0.1	34	2.4	0.7	0.2	74	0.94	0.153
REP 2511	QC	1.4	58.1	17.9	452	0.5	20.3	14.0	1659	4.00	14.9	0.6	1.3	0.1	36	2.3	0.7	0.2	78	0.96	0.164
2527	Soil	1.3	48.0	17.9	140	0.7	18.7	13.0	906	3.72	22.8	0.5	2.6	0.3	78	1.5	0.4	0.2	84	1.45	0.071
REP 2527	QC	1.3	45.7	17.1	130	0.7	16.5	12.2	884	3.62	22.5	0.4	2.7	0.3	76	1.7	0.5	0.2	80	1.37	0.067
2576	Soil	1.3	17.9	25.3	119	0.7	11.0	6.2	379	3.91	37.3	0.2	<0.5	<0.1	31	0.8	0.9	0.4	78	0.25	0.170
REP 2576	QC	1.4	19.1	26.1	127	0.7	11.1	6.6	390	4.03	35.1	0.2	<0.5	0.1	31	0.8	0.9	0.4	79	0.25	0.183
2936	Soil	1.0	7.6	11.5	46	<0.1	5.1	2.8	130	1.58	5.3	0.2	0.8	0.4	16	0.2	0.2	0.2	52	0.15	0.037
REP 2936	QC	0.9	7.6	12.3	45	<0.1	5.2	2.7	129	1.58	5.2	0.1	<0.5	0.4	16	0.3	0.2	0.2	51	0.15	0.037
2961	Soil	1.8	32.5	12.4	146	0.2	23.7	11.3	420	4.38	11.5	0.3	1.0	0.8	87	0.5	0.5	<0.1	68	0.26	0.094
REP 2961	QC	1.7	31.6	12.3	142	0.2	23.7	10.6	396	4.14	11.9	0.3	1.3	0.8	82	0.4	0.4	<0.1	64	0.25	0.094
3106	Soil	2.0	19.3	10.4	133	0.4	10.5	7.2	1249	2.70	7.3	0.3	<0.5	<0.1	33	1.0	0.1	0.1	62	0.19	0.077
REP 3106	QC	1.9	18.5	10.8	126	0.4	10.1	7.1	1328	2.72	7.3	0.4	54.4	<0.1	33	1.1	0.1	0.2	63	0.18	0.076
3133	Soil	2.0	58.7	23.4	136	0.6	18.5	14.7	2022	3.76	38.8	0.8	2.3	<0.1	77	1.9	0.5	0.5	70	0.69	0.128
REP 3133	QC	2.1	60.6	23.4	144	0.7	19.4	14.9	2044	3.75	38.8	0.8	1.4	<0.1	74	1.9	0.6	0.5	72	0.69	0.130
Reference Materials																					
STD DS7	Standard	20.7	113.5	72.4	409	0.9	57.3	9.4	627	2.35	54.4	5.0	69.2	4.0	68	6.2	6.2	4.8	84	0.89	0.076
STD DS7	Standard	22.1	136.8	75.6	438	0.9	60.2	10.4	678	2.50	56.9	5.3	84.7	3.9	70	6.4	6.8	5.1	87	0.94	0.078
STD DS7	Standard	21.5	114.1	66.2	410	0.8	54.9	9.6	637	2.36	52.7	4.5	73.4	4.3	75	6.6	5.4	4.6	84	0.94	0.081
STD DS7	Standard	19.9	103.6	62.5	385	0.7	51.4	9.0	588	2.23	48.9	4.8	60.8	3.9	68	6.1	5.2	4.3	76	0.86	0.079
STD DS7	Standard	20.3	108.6	67.8	392	0.8	54.3	9.2	598	2.32	52.8	4.8	70.1	4.3	72	6.7	5.6	4.5	82	0.86	0.080
STD DS7	Standard	21.2	117.7	70.4	413	0.8	58.3	9.8	658	2.43	54.4	5.1	64.0	4.7	75	7.3	5.5	4.7	86	0.95	0.086
STD DS7	Standard	20.3	105.3	73.3	421	0.7	55.3	10.1	676	2.54	56.2	5.0	56.6	4.5	72	6.7	5.5	4.9	89	0.99	0.084
STD DS7	Standard	20.0	114.7	71.1	422	0.9	53.4	9.2	651	2.43	53.4	5.1	60.3	4.1	72	6.2	5.6	4.8	88	0.93	0.082
STD DS7	Standard	20.0	117.6	71.5	401	0.8	54.9	9.7	650	2.38	54.5	4.7	49.5	3.9	67	6.0	5.7	4.7	83	0.91	0.077
STD DS7	Standard	19.9	133.2	72.3	417	0.8	55.6	9.9	660	2.47	54.5	4.6	55.8	3.8	70	6.2	6.0	4.7	88	0.94	0.078
STD DS7	Standard	21.3	112.4	70.0	405	0.8	56.8	10.1	635	2.38	50.5	4.7	90.1	3.9	64	6.5	4.7	4.4	91	0.92	0.075

QUALITY CONTROL REPORT

SMI08000628.1

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	
Pulp Duplicates																	
2450	Soil	7	17	0.37	132	0.019	<20	1.97	0.007	0.05	0.2	0.04	1.2	<0.1	0.06	8	0.6
REP 2450	QC	6	16	0.35	122	0.019	<20	1.90	0.006	0.05	0.1	0.04	1.2	<0.1	0.05	8	0.6
2511	Soil	10	29	0.43	217	0.012	<20	2.01	0.008	0.08	<0.1	0.05	2.7	0.1	0.06	7	<0.5
REP 2511	QC	10	30	0.45	225	0.014	<20	2.18	0.008	0.09	<0.1	0.06	3.1	0.1	0.06	8	0.6
2527	Soil	12	25	0.32	203	0.014	<20	2.37	0.007	0.09	<0.1	0.07	4.5	0.1	<0.05	9	0.6
REP 2527	QC	12	23	0.28	196	0.013	<20	2.12	0.006	0.08	<0.1	0.06	3.7	0.1	<0.05	8	0.7
2576	Soil	5	14	0.27	149	0.026	<20	1.45	0.008	0.06	0.1	0.05	2.1	<0.1	<0.05	8	<0.5
REP 2576	QC	5	15	0.29	152	0.026	<20	1.48	0.008	0.06	<0.1	0.04	2.1	<0.1	<0.05	8	<0.5
2936	Soil	5	12	0.12	97	0.028	<20	0.95	0.008	0.03	<0.1	0.01	1.7	<0.1	<0.05	5	<0.5
REP 2936	QC	5	11	0.12	99	0.029	<20	0.95	0.008	0.03	<0.1	0.01	1.9	<0.1	<0.05	6	<0.5
2961	Soil	4	19	0.43	250	0.012	<20	2.90	0.008	0.06	0.1	0.05	5.0	0.1	<0.05	6	0.8
REP 2961	QC	4	16	0.46	238	0.013	<20	3.01	0.017	0.05	<0.1	0.05	4.8	0.1	<0.05	6	0.9
3106	Soil	7	16	0.31	248	0.015	<20	2.06	0.010	0.04	<0.1	0.04	0.8	<0.1	<0.05	7	<0.5
REP 3106	QC	7	16	0.31	253	0.014	<20	1.98	0.010	0.04	<0.1	0.04	0.8	<0.1	<0.05	7	<0.5
3133	Soil	25	21	0.48	233	0.009	<20	2.60	0.013	0.06	<0.1	0.06	1.4	0.1	0.09	8	0.8
REP 3133	QC	24	20	0.50	231	0.010	<20	2.64	0.014	0.07	<0.1	0.06	1.3	0.1	0.09	8	0.7
Reference Materials																	
STD DS7	Standard	11	184	1.05	399	0.111	28	0.96	0.079	0.48	3.8	0.20	2.1	4.3	0.17	5	4.5
STD DS7	Standard	11	195	1.04	420	0.116	36	0.98	0.085	0.50	3.8	0.22	2.4	4.6	0.10	5	4.6
STD DS7	Standard	12	182	1.02	401	0.126	39	1.03	0.092	0.47	3.7	0.20	2.7	4.2	0.22	5	3.4
STD DS7	Standard	12	166	0.95	361	0.117	29	0.97	0.088	0.42	3.5	0.18	2.6	4.0	0.21	5	2.8
STD DS7	Standard	12	175	1.03	397	0.121	38	0.96	0.100	0.47	3.4	0.19	2.7	4.2	0.20	5	3.0
STD DS7	Standard	13	191	1.08	419	0.132	41	1.05	0.106	0.51	3.8	0.19	3.1	4.5	0.21	5	3.9
STD DS7	Standard	11	192	1.06	404	0.120	34	1.00	0.086	0.50	3.5	0.21	2.4	4.7	0.22	5	3.7
STD DS7	Standard	12	187	1.06	415	0.117	33	1.01	0.087	0.48	3.8	0.20	2.4	4.1	0.21	5	4.4
STD DS7	Standard	11	188	1.01	397	0.114	40	0.97	0.085	0.46	3.6	0.18	2.2	4.3	0.20	5	3.9
STD DS7	Standard	11	192	1.06	392	0.115	42	0.98	0.086	0.49	3.4	0.20	2.4	4.3	0.22	5	3.9
STD DS7	Standard	11	192	1.01	379	0.109	32	0.98	0.085	0.43	3.6	0.20	2.3	4.3	0.20	4	4.0

QUALITY CONTROL REPORT

SMI08000628.1

		1DX Mo	1DX Cu	1DX Pb	1DX Zn	1DX Ag	1DX Ni	1DX Co	1DX Mn	1DX Fe	1DX As	1DX U	1DX Au	1DX Th	1DX Sr	1DX Cd	1DX Sb	1DX Bi	1DX V	1DX Ca	1DX P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
STD DS7	Standard	21.9	111.7	69.9	389	0.8	56.4	9.8	610	2.32	50.8	4.9	54.9	4.2	63	6.0	4.7	4.4	83	0.90	0.074
STD DS7	Standard	22.3	116.6	72.0	411	0.8	60.8	10.7	641	2.41	51.3	5.0	52.8	4.2	65	6.3	4.9	4.5	90	0.92	0.076
STD DS7	Standard	22.9	116.1	73.6	402	0.8	59.5	10.5	618	2.33	53.9	4.9	66.3	3.8	64	6.3	4.7	4.3	87	0.92	0.073
STD DS7	Standard	23.2	118.1	74.0	401	0.8	60.7	10.1	648	2.38	50.1	5.0	55.5	4.4	64	6.4	4.9	4.5	90	0.92	0.074
STD DS7	Standard	22.1	127.2	72.0	407	0.8	60.9	10.2	636	2.36	49.3	5.0	80.2	4.2	64	6.1	5.2	4.4	89	0.90	0.074
STD DS7	Standard	18.2	83.5	63.8	371	0.9	54.1	7.4	612	2.32	41.3	4.0	55.1	3.5	65	5.4	4.0	3.9	77	0.81	0.060
STD DS7	Standard	18.0	86.6	64.4	368	0.7	48.8	6.8	605	2.20	41.5	3.9	71.3	3.1	66	5.1	3.9	3.8	78	0.85	0.062
STD DS7 Expected		20.92	109	70.6	411	0.89	56	9.7	627	2.39	48.2	4.9	70	4.4	68.7	6.38	5.86	4.51	86	0.93	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

QUALITY CONTROL REPORT

SMI08000628.1

		1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm
		1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
STD DS7	Standard	11	183	1.00	380	0.109	30	0.96	0.084	0.43	3.5	0.19	2.3	4.2	0.22	5	3.3
STD DS7	Standard	12	195	1.08	387	0.114	41	1.02	0.090	0.44	3.4	0.19	2.5	4.2	0.19	5	3.7
STD DS7	Standard	11	193	1.02	388	0.108	33	0.95	0.080	0.43	3.4	0.19	2.3	4.3	0.21	5	3.4
STD DS7	Standard	11	203	1.06	395	0.115	40	1.01	0.087	0.45	3.4	0.21	2.4	4.5	0.19	5	3.6
STD DS7	Standard	11	201	1.01	385	0.113	36	0.96	0.080	0.45	3.7	0.19	2.3	4.4	0.22	5	3.5
STD DS7	Standard	9	170	0.93	366	0.098	33	0.91	0.079	0.43	3.4	0.20	1.5	4.2	0.19	5	3.7
STD DS7	Standard	10	176	0.93	371	0.104	34	0.92	0.078	0.42	3.0	0.18	1.5	4.2	0.20	4	3.6
STD DS7 Expected		12.7	163	1.05	370.3	0.124	38.6	0.959	0.073	0.44	3.8	0.2	2.5	4.19	0.21	4.6	3.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5

ASSAYS

GROUP 6 PRECIOUS METALS ASSAY BY FIRE ASSAY

Highly precise determinations for Au, Ag, Pt, Pd and Rh by classical lead-collection fire assay on a 1 assay-ton sample (29.2 g). Massive sulphide or Cr-rich matrix will require a reduced sample weight. Analysis is by ICP-ES after digestion of the dore bead. Gravimetric analysis is available. Request a metallics assay (500 gm sample) if coarse precious metals are suspected.

Element	Detection	Method
Au	0.001 oz/t	Fire Assay on 29.2 g (1 Assay-Ton) sample
		Metallics Fire Assay on 500 g sample
Au, Ag*	0.001 oz/t	Fire Assay on 29.2 g sample (Ag by Group 7AR)*
		Metallics Fire Assay on 500 g sample

GEOCHEMICAL – ICP by Aqua Regia Digestion

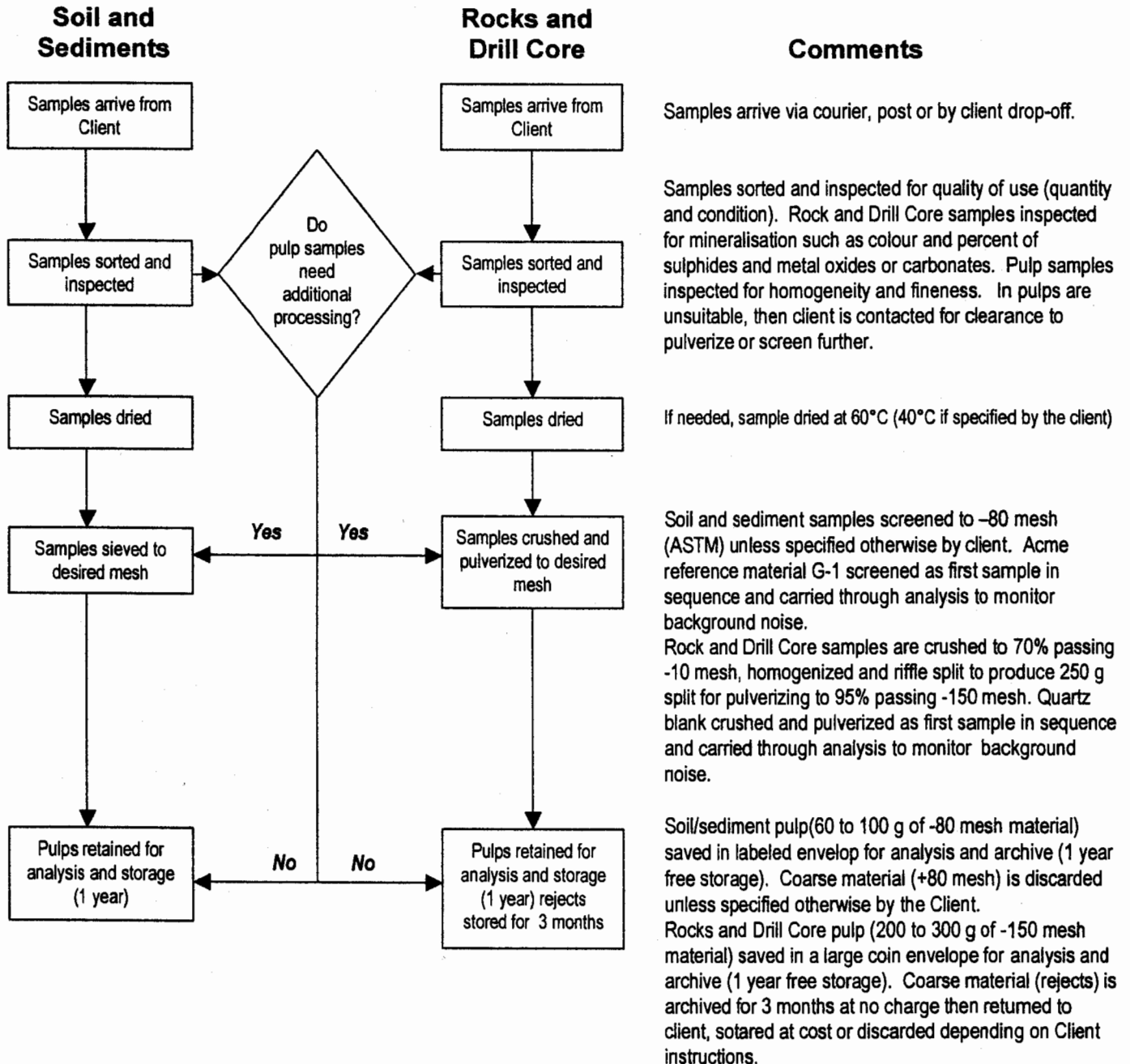
GROUP 1D, 1DX: ICP & ICP-MS ANALYSIS – AQUA REGIA

You can choose economically priced ICP-ES (Group 1D) or ICP-MS (Group 1DX) analysis to complement your exploration program. Sample splits of 0.5 g are leached in hot (95°C) Aqua Regia. Select a larger split size for more representative Au analysis. Refractory and graphitic samples can limit Au solubility. Solubility of some elements* will be limited by mineral species present.

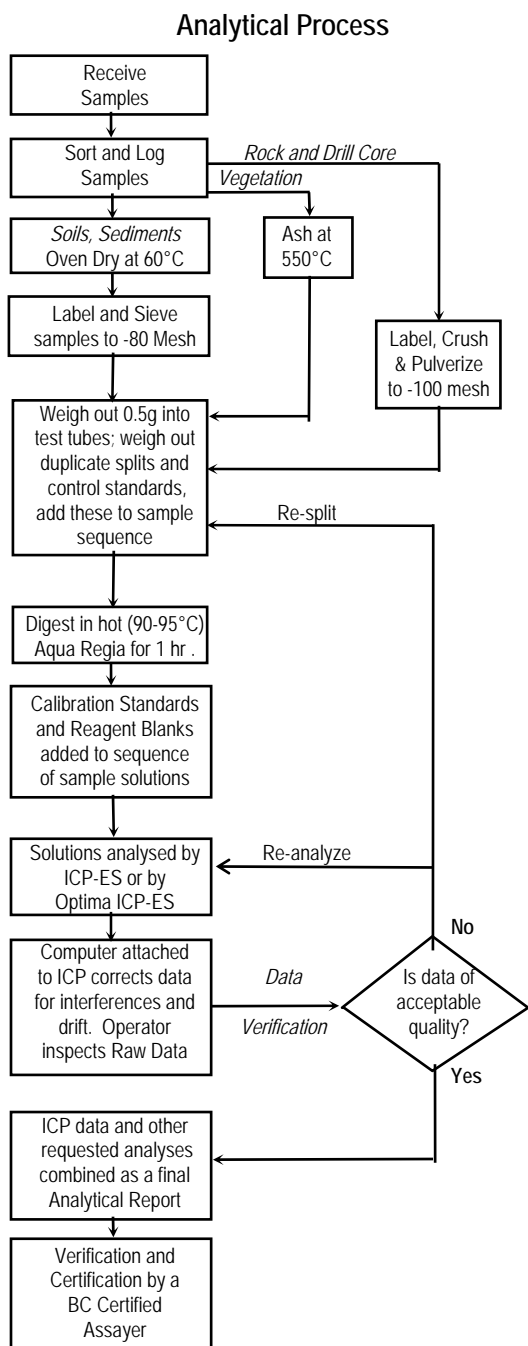
	Group 1D Detection	Group 1DX Detection	Upper Limit
Ag	0.3 ppm	0.1 ppm	100 ppm
Al*	0.01 %	0.01 %	10 %
As	2 ppm	0.5 ppm	10000 ppm
Au	2 ppm	0.5 ppb	100 ppm
B*	3 ppm	1 ppm	2000 ppm
Ba*	1 ppm	1 ppm	1000 ppm
Bi	3 ppm	0.1 ppm	2000 ppm
Ca*	0.01 %	0.01 %	40 %
Cd	0.5 ppm	0.1 ppm	2000 ppm
Co	1 ppm	0.1 ppm	2000 ppm
Cr*	1 ppm	1 ppm	10000 ppm
Cu	1 ppm	0.1 ppm	10000 ppm
Fe*	0.01 %	0.01 %	40 %
Ga*	-	1 ppm	1000 ppm
Hg†	1 ppm	0.01 ppm	100 ppm
K*	0.01 %	0.01 %	10 %
La*	1 ppm	1 ppm	10000 ppm
Mg*	0.01 %	0.01 %	30 %
Mn*	2 ppm	1 ppm	10000 ppm
Mo	1 ppm	0.1 ppm	2000 ppm
Na*	0.01 %	0.001 %	10 %
Ni	1 ppm	0.1 ppm	10000 ppm
P*	0.001 %	0.001 %	5 %
Pb	3 ppm	0.1 ppm	10000 ppm
S	-	0.05 %	10 %
Sb	3 ppm	0.1 ppm	2000 ppm
Sc	-	0.1 ppm	100 ppm
Se	-	0.5 ppm	1000 ppm
Sr*	1 ppm	1 ppm	10000 ppm
Th*	2 ppm	0.1 ppm	2000 ppm
Ti*	0.01 %	0.001 %	10 %
Ti‡	5 ppm	0.1 ppm	1000 ppm
U*	8 ppm	0.1 ppm	2000 ppm
V*	1 ppm	2 ppm	10000 ppm
W*	2 ppm	0.1 ppm	100 ppm
Zn	1 ppm	1 ppm	10000 ppm

See Page 6 for Group 1F-MS Aqua Regia / ICP Mass Spec analysis for ultratrace element determination

General Sample Preparation Methods



**METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE
GROUP 1D & 1DX - ICP ANALYSIS – AQUA REGIA**



Comments

Sample Preparation

Soils and sediments are dried (60°C) and sieved to -80 mesh (-177 m), rocks and drill core are crushed and pulverized to -150 mesh (-100 m). Vegetation is dried (60°C) and pulverized or dry ashed (550°C). Moss-mat samples are dried (60°C), pounded then sieved to recover -80 mesh sediment or ashed at 550°C then sieved to -80 mesh with potential loss by volatilization of Hg, As, Sb, Bi and Cr. Aliquots of 0.5 g are weighed into test tubes. Duplicate aliquots are taken from two samples in each batch of 34 samples to measure precision. An aliquot of sample standard STD C3 is added to each batch to monitor accuracy.

Sample Digestion

Aqua Regia is a 2:2:2 mixture of ACS grade conc. HCl, conc. HNO₃ and demineralized H₂O. Aqua Regia is added to each sample and to two empty reagent blank test tubes in each batch of samples. Sample solutions are digested for 1 hr in a hot water bath (90-95°C).

Sample Analysis

Group 1D: sample solutions are aspirated into a Jarrel Ash AtomComp 800 or 975 ICP emission spectrograph to determine 30 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W, Zn.

Group 1DX: sample solutions are aspirated into a Perkin Elmer Optima 3300 Dual View ICP emission spectrograph to determine 35 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Ti, Sr, Th, Ti, U, V, W, Zn.

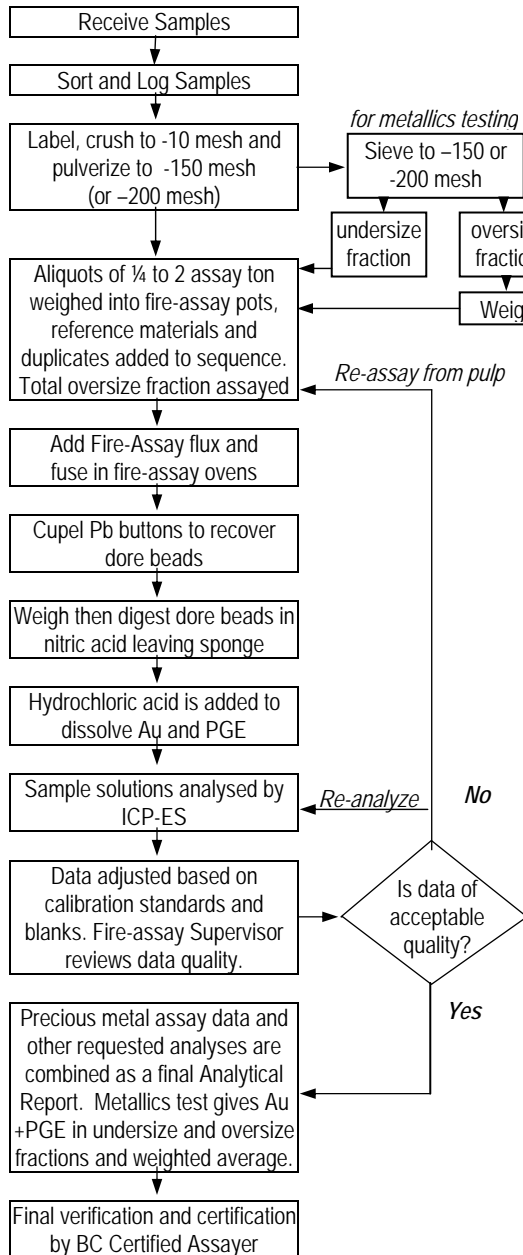
Data Evaluation

Raw and final data from the ICP-ES undergoes a final verification by a British Columbia Certified Assayer who then signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.



METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 6 - PRECIOUS METAL ASSAY

Analytical Process



Comments

Sample Preparation

Rocks and drill core are crushed to 75% minus 10 mesh (-1.7 mm), a 250 g subsample is riffle split then pulverized to 95% minus 150 mesh (-100 microns) or minus 200 mesh upon request. Reject and pulp duplicate splits are taken from two samples in every 34 to monitor sub-sampling variation related to sample inhomogeneity and analytical variation, respectively. One quarter (7.5 g) to two assay ton (58.4 ±0.01g) splits are weighed. STD Au-1 (Au reference material), STD Ag-2 (Ag reference material) or STD FA-10R (Au, Pt, Pd, Rh reference material) and a blank are added to each analytical batch to monitor accuracy. Results are reported in imperial (oz/t) or metric (gm/mt) measure. For metallics testing, 500+ gm is pulverized and sieved through a 150 or 200 mesh screen. The oversize material on the screen is weighed and assayed in total. A 1 or 2 assay ton split of the undersize fraction is also assayed.

Sample Digestion

Sample split is mixed with fire-assay fluxes containing PbO litharge and a Ag inquant then heated at 1000°C for 1 hour to liberate Au + PGE. After cooling, lead buttons are recovered and cupelled at 950°C to render Ag ±Au ±Pt ±Pd ±Rh dore beads. Beads are weighed then leached in 1 mL of conc. HNO₃ at >95°C to dissolve Ag leaving Au ±PGE sponges. A Au inquant is used for Rh assays where the concentration is likely to exceed 10 ppb. The sponge is dissolved by adding 6 mL of 50% HCl.

Sample Analysis

The solutions are analyzed by ICP-ES (Jarrel Ash Atom-Comp model 800 or 975) to determine Au, Pt, Pd and Rh. Au or PGEs over 1 oz/t are determined by gravimetric finish. Ag is determined both by fire assay and wet assay. Ag over 10 oz/t is reported from the fire assay while concentrations <10 oz/t are reported from the wet assay. Metallics testing reports concentrations of Au ±PGEs in the undersize fraction, the oversize fraction and the calculated weighted average of these fractions.

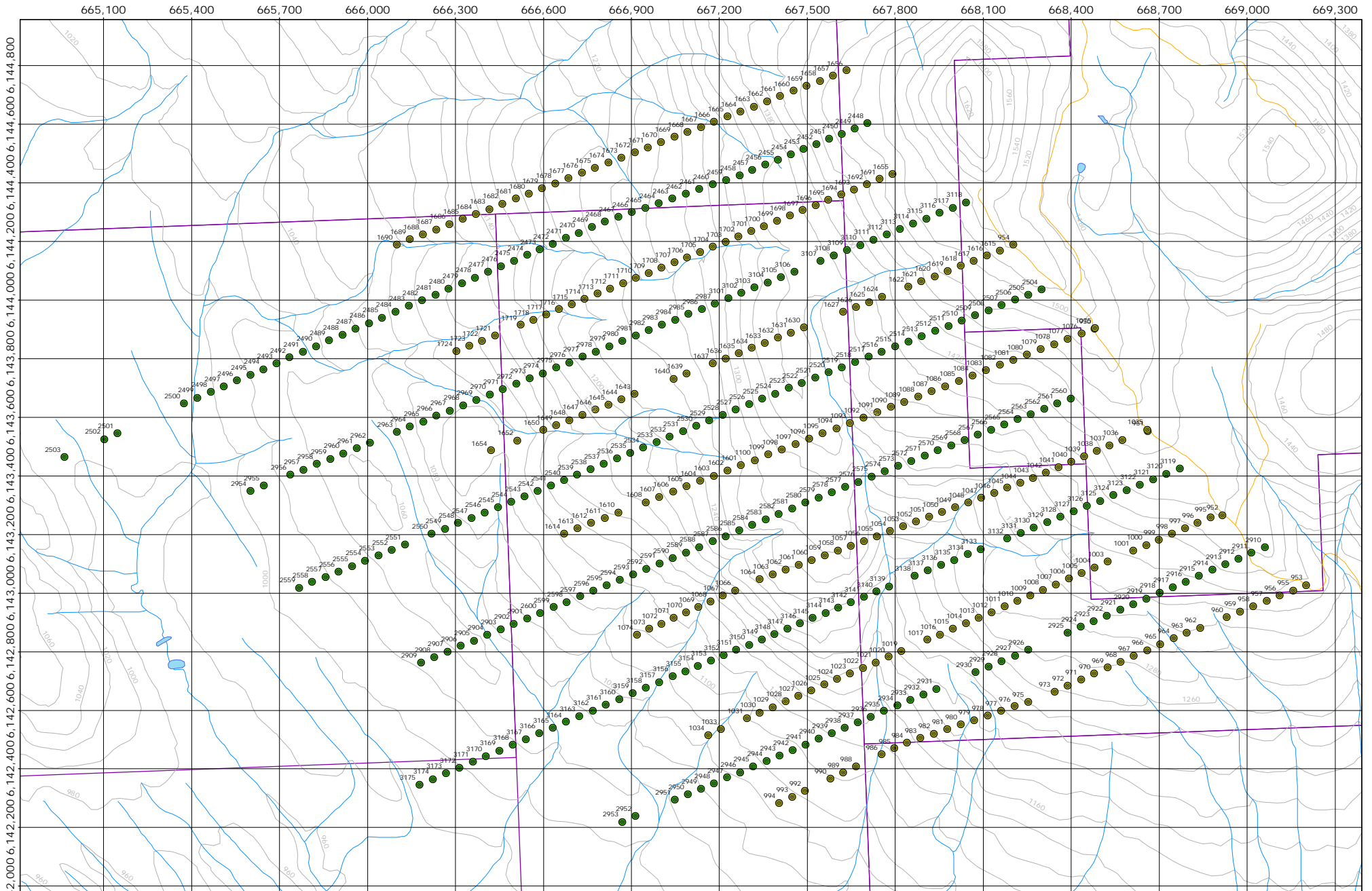
Data Evaluation

Raw and final data undergoes a final verification by a British Columbia Certified Assayer who then signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toy and Jacky Wang.

APPENDIX 4

SOIL SAMPLE DESCRIPTIONS AND MAPS

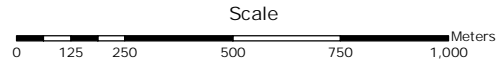





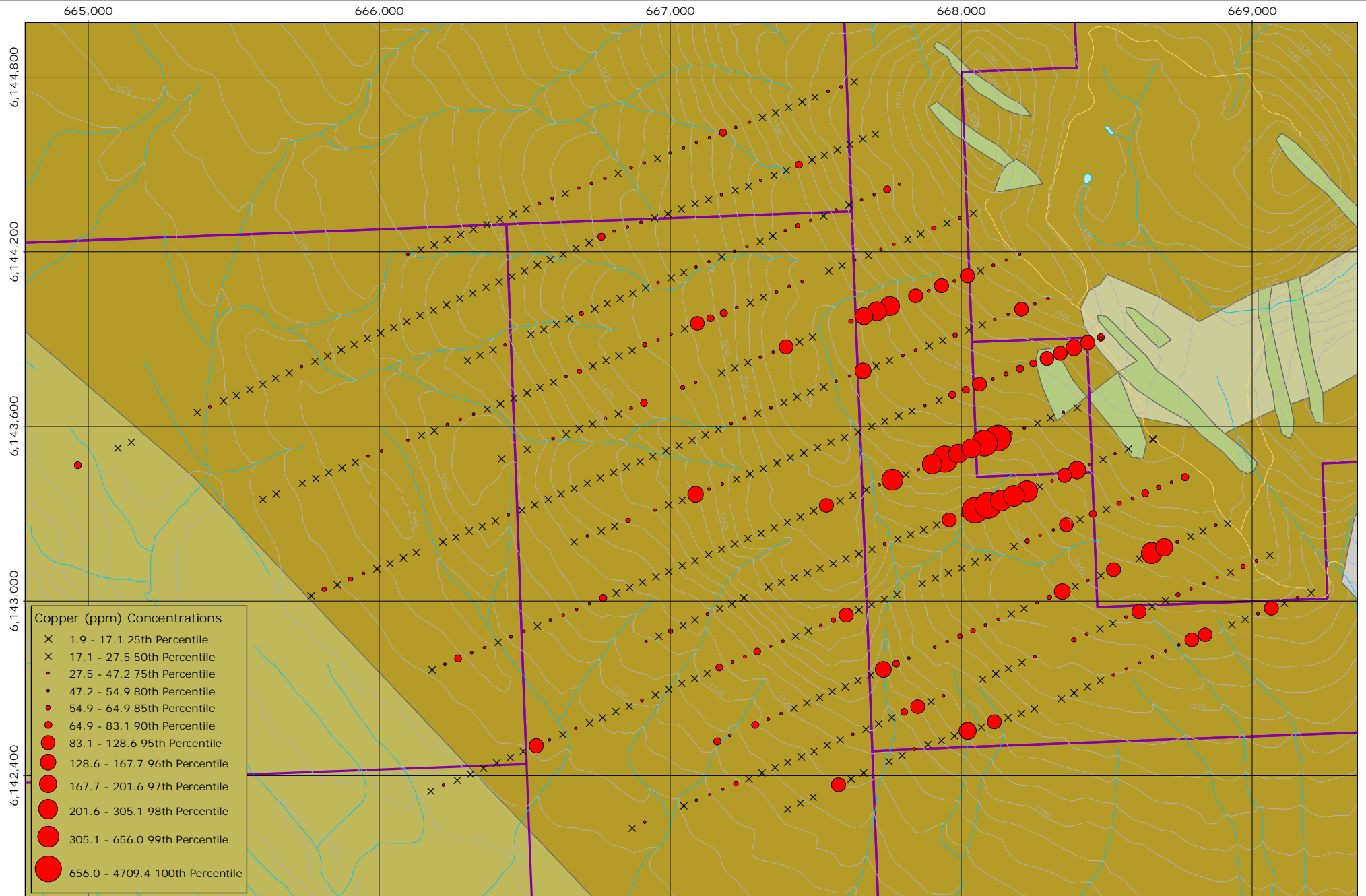
6,142,000 6,142,200 6,142,400 6,142,600 6,142,800 6,143,000 6,143,200 6,143,400 6,143,600 6,143,800 6,144,000 6,144,200 6,144,400 6,144,600 6,144,800

665,100 665,400 665,700 666,000 666,300 666,600 666,900 667,200 667,500 667,800 668,100 668,400 668,700 669,000 669,300

Legend:



 <p>Caracle Creek International Consulting Inc. Geological Consultants - Project Management</p>		<p>NXA INC. 2007 and 2008 Geochemical, Soil Sample Grid, Trail Peak Property, Smithers, BC.</p>	
		<p>Author: gcn</p> <p>Office: Vancouver</p> <p>Date: 18/2/09</p> <p>Scale: 1:17,500</p> <p>Projection: NAD83, Zone 9 North</p>	<p>Appendix IV-1</p>

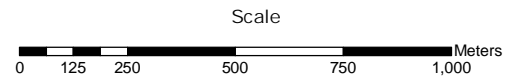


Copper (ppm) Concentrations

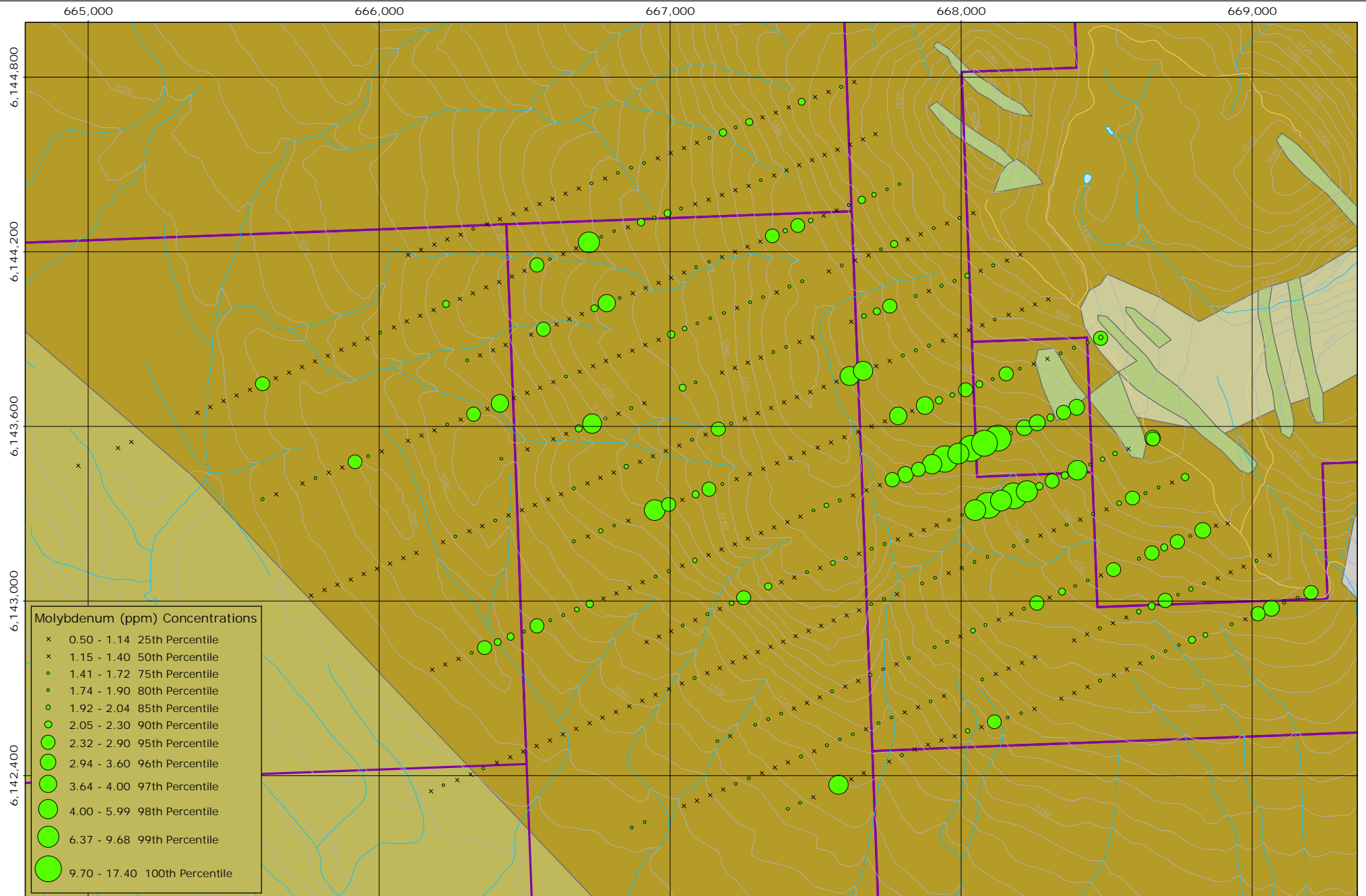
x	1.9 - 17.1	25th Percentile
x	17.1 - 27.5	50th Percentile
•	27.5 - 47.2	75th Percentile
•	47.2 - 54.9	80th Percentile
•	54.9 - 64.9	85th Percentile
•	64.9 - 83.1	90th Percentile
•	83.1 - 128.6	95th Percentile
•	128.6 - 167.7	96th Percentile
•	167.7 - 201.6	97th Percentile
•	201.6 - 305.1	98th Percentile
•	305.1 - 656.0	99th Percentile
•	656.0 - 4709.4	100th Percentile

Legend:

—	Contours	■	BC Provincial Geology
—	Local Roads	■	argillite, greywacke, wacke, conglomerate turbidites
—	Drainage	■	basaltic volcanic rocks
—	NXA, Trail Peak Claims	■	granodioritic intrusive rocks
—	Trailpeak_Lakes_Poly	■	quartz dioritic intrusive rocks
		■	undivided volcanic rocks



<p>Caracle Creek International Consulting Inc. Geological Consultants - Project Management</p>	<p>NXA INC. Copper (ppm), Trail Peak Property, Smithers, BC.</p>
	<p>Author: gn Office: Vancouver Date: 18/02/09 Scale: 1:17,500 Projection: NAD83, Zone 9 North</p>
<p>Appendix IV-2</p>	

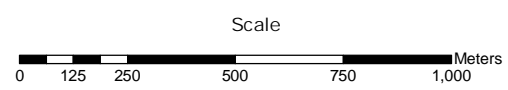


Molybdenum (ppm) Concentrations

x	0.50 - 1.14	25th Percentile
x	1.15 - 1.40	50th Percentile
o	1.41 - 1.72	75th Percentile
o	1.74 - 1.90	80th Percentile
o	1.92 - 2.04	85th Percentile
o	2.05 - 2.30	90th Percentile
o	2.32 - 2.90	95th Percentile
o	2.94 - 3.60	96th Percentile
o	3.64 - 4.00	97th Percentile
o	4.00 - 5.99	98th Percentile
o	6.37 - 9.68	99th Percentile
o	9.70 - 17.40	100th Percentile

Legend:

—	Contours	■	argillite, greywacke, wacke, conglomerate turbidites
—	Local Roads	■	basaltic volcanic rocks
—	Drainage	■	granodioritic intrusive rocks
—	NXA, Trail Peak Claims	■	quartz dioritic intrusive rocks
—	Trailpeak_Lakes_Poly	■	undivided volcanic rocks



	Caracle Creek International Consulting Inc. Geological Consultants - Project Management	
	Author: gn Office: Vancouver Date: 18/02/09 Scale: 1:17,500 Projection: NAD83, Zone 9 North	NXA INC. Molybdenum (ppm), Trail Peak Property, Smithers, BC.
		Appendix IV-3

Appendix 4 - Trail Peak Property
2007 and 2008 Soil Sample Descriptions and Locations

Sample Number	Date	Sample Type	Material	Soil Horizon	Colour	UTM East	UTM North	Grid East	Grid North	Description	Comments
NAD83, Zone 9											
953	13/09/2007	Soil	Silt	B	Brown	669202	6143028	10000	10000	Sand and Gravel in sample	TPBL10000N 10000
955	14/09/2007	Soil	Silt	B	Brown	669157	6143010	10050	10000	Gravel in sample	TP10000N 10050
956	14/09/2007	Soil	Silt	B	Brown-Black	669111	6142992	10100	10000	Organic in sample	TP10000N 10100
957	14/09/2007	Soil	Silt	B	Brown	669066	6142973	10150	10000		TP10000N 10150
958	14/09/2007	Soil	Silt	B	Brown	669021	6142955	10200	10000		TP10000N 10200
959	14/09/2007	Soil	Silt	B	Brown	668976	6142937	10250	10000	Gravel in sample	TP10000N 10250
960	14/09/2007	Soil	Silt	B	Brown	668930	6142919	10300	10000		TP10000N 10300
962	14/09/2007	Soil	Silt	A	Dark Brown-Black	668840	6142882	10400	10000	Organic in sample	TP10000N 10400
963	14/09/2007	Soil	Silt	B	Brown-Black	668794	6142864	10450	10000	Organic in sample	TP10000N 10450
964	14/09/2007	Soil	Silt	B	Brown	668749	6142846	10500	10000		TP10000N 10500
965	14/09/2007	Soil	Silt	A-B	Brown-Black	668704	6142826	10550	10000	Organic in sample	TP10000N 10550
966	14/09/2007	Soil	Silt	B	Brown	668659	6142806	10600	10000		TP10000N 10600
967	14/09/2007	Soil	Silt	B	Brown	668614	6142785	10650	10000	Organic in sample	TP10000N 10650
968	14/09/2007	Soil	Silt	A-B	Dark Brown-Black	668569	6142765	10700	10000	Organic in sample	TP10000N 10700
969	14/09/2007	Soil	Silt	A	Dark Brown-Black	668524	6142745	10750	10000	Organic in sample	TP10000N 10750
970	14/09/2007	Soil	Silt	A-B	Brown	668478	6142725	10800	10000		TP10000N 10800
971	14/09/2007	Soil	Silt	B	Brown-Black	668433	6142705	10850	10000	Organic in sample	TP10000N 10850
972	14/09/2007	Soil	Silt	B	Brown	668388	6142684	10900	10000	Organic in sample	TP10000N 10900
973	14/09/2007	Soil	Silt	B	Brown	668343	6142664	10950	10000		TP10000N 10950
975	14/09/2007	Soil	Silt	B	Brown	668252	6142629	11050	10000	Gravel in sample	TP10000N 11050
976	14/09/2007	Soil	Silt	A-B	Brown-Black	668206	6142613	11100	10000	Gravel in sample	TP10000N 11100
977	14/09/2007	Soil	Silt	A	Brown-Black	668161	6142598	11150	10000	Organic in sample	TP10000N 11150
978	14/09/2007	Soil	Silt	A	Black	668115	6142582	11200	10000	Organic in sample	TP10000N 11200
979	14/09/2007	Soil	Silt	A-B	Brown-Black	668069	6142567	11250	10000	Organics and Gravel in sample	TP10000N 11250
980	14/09/2007	Soil	Silt	A	Black	668023	6142552	11300	10000	Organic in sample	TP10000N 11300
981	14/09/2007	Soil	Silt	A-B	Brown-Black	667977	6142536	11350	10000	Organics and Gravel in sample	TP10000N 11350
982	14/09/2007	Soil	Silt	B	Brown	667932	6142521	11400	10000	Gravel in sample	TP10000N 11400
983	14/09/2007	Soil	Silt	B	Brown	667886	6142505	11450	10000	Gravel in sample	TP10000N 11450
984	14/09/2007	Soil	Silt	B	Brown	667840	6142490	11500	10000		TP10000N 11500
985	14/09/2007	Soil	Silt	A	Dark Brown-Black	667796	6142469	11550	10000	Organic in sample	TP10000N 11550
986	14/09/2007	Soil	Silt	B	Brown	667753	6142449	11600	10000	Gravel in sample	TP10000N 11600
988	14/09/2007	Soil	Silt	A-B	Grey-Brown	667666	6142408	11700	10000		TP10000N 11700
989	14/09/2007	Soil	Silt	B	Brown	667622	6142387	11750	10000	Gravel in sample	TP10000N 11750
990	14/09/2007	Soil	Silt	A	Black	667578	6142366	11800	10000	Organic in sample	TP10000N 11800
992	14/09/2007	Soil	Silt	B	Brown	667491	6142325	11900	10000	Gravel in sample	TP10000N 11900
993	14/09/2007	Soil	Silt	C	Grey-Brown	667448	6142305	11950	10000	Gravel in sample	TP10000N 11950
994	14/09/2007	Soil	Silt	A-B	Grey-Brown	667404	6142284	12000	10000	Gravel in sample	TP10000N 12000
952	13/09/2007	Soil	Silt	B	Brown	668915	6143266	10000	10400		TPBL10400N 10000
995	15/09/2007	Soil	Silt	A	Brown, Black	668875	6143259	10050	10400	Gravel in sample	TP10400N 10050
996	15/09/2007	Soil	Silt	B	Brown	668831	6143240	10100	10400	Gravel in sample	TP10400N 10100
997	15/09/2007	Soil	Silt	B	Brown	668787	6143221	10150	10400		TP10400N 10150
998	15/09/2007	Soil	Silt	B	Brown	668743	6143202	10200	10400	Some gravel in sample	TP10400N 10200
999	15/09/2007	Soil	Silt	B	Brown	668699	6143183	10250	10400		TP10400N 10250
1000	15/09/2007	Soil	Silt	A, Organic	Grey, Black	668655	6143164	10300	10400		TP10400N 10300
1001	15/09/2007	Soil	Silt	B	Brown	668611	6143145	10350	10400	Gravel in sample	TP10400N 10350
1003	15/09/2007	Soil	Silt	A, Organic	Grey, Black	668524	6143107	10450	10400		TP10400N 10450
1004	15/09/2007	Soil	Silt	A, B	Brown, Black	668480	6143088	10500	10400	Gravel in sample	TP10400N 10500
1005	15/09/2007	Soil	Silt	A, B	Grey, Brown	668436	6143068	10550	10400		TP10400N 10550
1006	15/09/2007	Soil	Silt	B	Brown	668392	6143049	10600	10400	Gravel in sample	TP10400N 10600
1007	15/09/2007	Soil	Silt	A, Organic	Grey, Black	668348	6143030	10650	10400		TP10400N 10650
1008	15/09/2007	Soil	Silt	A, Organic	Grey, Black	668304	6143011	10700	10400		TP10400N 10700
1009	15/09/2007	Soil	Silt	B	Brown	668260	6142992	10750	10400	Gravel in sample	TP10400N 10750
1010	15/09/2007	Soil	Silt	B	Brown	668216	6142973	10800	10400		TP10400N 10800
1011	15/09/2007	Soil	Silt	B	Brown	668172	6142954	10850	10400	Gravel in sample	TP10400N 10850
1012	15/09/2007	Soil	Silt	B	Brown	668128	6142935	10900	10400	Gravel in sample	TP10400N 10900
1013	15/09/2007	Soil	Silt	B	Brown	668084	6142916	10950	10400	Gravel in sample	TP10400N 10950
1014	15/09/2007	Soil	Silt	A, Organic	Grey, Black	668040	6142897	11000	10400	Gravel in sample	TP10400N 11000
1015	15/09/2007	Soil	Silt	A, Organic	Black	667997	6142878	11050	10400		TP10400N 11050
1016	15/09/2007	Soil	Silt	A, Organic	Brown, Black	667953	6142859	11100	10400		TP10400N 11100
1017	15/09/2007	Soil	Silt	A, Organic	Grey, Brown	667909	6142840	11150	10400	Gravel in sample	TP10400N 11150
1019	15/09/2007	Soil	Silt	B, Organic	Brown, Black	667821	6142802	11250	10400	Gravel in sample	TP10400N 11250
1020	15/09/2007	Soil	Silt	A, Organic	Grey, Black	667777	6142783	11300	10400		TP10400N 11300
1021	15/09/2007	Soil	Silt	A, Organic	Grey	667733	6142764	11350	10400	Sand and gravel in sample	TP10400N 11350
1022	15/09/2007	Soil	Silt	B	Brown	667689	6142745	11400	10400	Gravel in sample	TP10400N 11400
1023	15/09/2007	Soil	Silt	B	Brown	667645	6142726	11450	10400	Gravel in sample	TP10400N 11450
1024	15/09/2007	Soil	Silt	B	Brown	667601	6142707	11500	10400	Sand and gravel in sample	TP10400N 11500

Appendix 4 - Trail Peak Property
2007 and 2008 Soil Sample Descriptions and Locations

Sample Number	Date	Sample Type	Material	Soil Horizon	Colour	UTM East	UTM North	Grid East	Grid North	Description	Comments
NAD83, Zone 9											
1025	15/09/2007	Soil	Silt	B	Brown	667557	6142687	11550	10400	Gravel in sample	TP10400N 11550
1026	15/09/2007	Soil	Silt	A, B	Grey, Brown	667513	6142668	11600	10400	Gravel in sample	TP10400N 11600
1027	15/09/2007	Soil	Silt	B	Brown	667469	6142649	11650	10400	Gravel in sample	TP10400N 11650
1028	15/09/2007	Soil	Silt	B, Organic	Brown, Black	667426	6142630	11700	10400	Gravel in sample	TP10400N 11700
1029	15/09/2007	Soil	Silt	B, Organic	Brown, Black	667382	6142611	11750	10400	Gravel in sample	TP10400N 11750
1030	15/09/2007	Soil	Silt	A, B, Organic	Brown, Black	667338	6142592	11800	10400		TP10400N 11800
1031	15/09/2007	Soil	Silt	A, Organic	Black	667294	6142573	11850	10400		TP10400N 11850
1033	15/09/2007	Soil	Silt	A, Organic	Black	667206	6142535	11950	10400		TP10400N 11950
1034	15/09/2007	Soil	Silt	A, Organic	Black	667162	6142516	12000	10400		TP10400N 12000
951	13/09/2007	Soil	Silt	B	Brown	668661	6143554	10000	10800	Gravel in sample	TPBL10800N 10000
1035	16/09/2007	Soil	Silt	A	Brown, Black	668659	6143558	10050	10800	Gravel in sample	TP10800N 10050
1036	16/09/2007	Soil	Silt	B	Brown	668574	6143522	10100	10800		TP10800N 10100
1037	16/09/2007	Soil	Silt	B	Brown	668531	6143504	10150	10800	Gravel in sample	TP10800N 10150
1038	16/09/2007	Soil	Silt	B	Brown	668487	6143485	10200	10800	Gravel in sample	TP10800N 10200
1039	16/09/2007	Soil	Silt	B	Brown	668444	6143467	10250	10800	Gravel in sample	TP10800N 10250
1040	16/09/2007	Soil	Silt	A, Organic	Black	668400	6143449	10300	10800		TP10800N 10300
1041	16/09/2007	Soil	Silt	A	Brown, Black	668357	6143430	10350	10800		TP10800N 10350
1042	16/09/2007	Soil	Silt	B	Brown	668313	6143412	10400	10800	Gravel in sample	TP10800N 10400
1043	16/09/2007	Soil	Silt	B	Brown	668270	6143393	10450	10800	Gravel in sample	TP10800N 10450
1044	16/09/2007	Soil	Silt	A, Organic	Black	668226	6143375	10500	10800		TP10800N 10500
1045	16/09/2007	Soil	Silt	A, Organic	Grey, Black	668182	6143359	10550	10800		TP10800N 10550
1046	16/09/2007	Soil	Silt	A, B	Brown, Black	668137	6143342	10600	10800		TP10800N 10600
1047	16/09/2007	Soil	Silt	A	Grey	668093	6143326	10650	10800		TP10800N 10650
1048	16/09/2007	Soil	Silt	A	Grey	668048	6143310	10700	10800		TP10800N 10700
1049	16/09/2007	Soil	Silt	B	Brown	668004	6143293	10750	10800	Gravel in sample	TP10800N 10750
1050	16/09/2007	Soil	Silt	A, B	Grey, Brown, Black	667959	6143277	10800	10800	Gravel in sample	TP10800N 10800
1051	16/09/2007	Soil	Silt	B	Brown	667915	6143261	10850	10800	Gravel in sample	TP10800N 10850
1052	16/09/2007	Soil	Silt	B	Brown	667870	6143244	10900	10800	Gravel in sample	TP10800N 10900
1053	16/09/2007	Soil	Silt	B	Brown	667826	6143228	10950	10800	Gravel in sample	TP10800N 10950
1054	16/09/2007	Soil	Silt	B	Brown	667782	6143212	11000	10800	Gravel in sample	TP10800N 11000
1055	16/09/2007	Soil	Silt	B	Brown	667737	6143195	11050	10800		TP10800N 11050
1056	16/09/2007	Soil	Silt	B	Brown	667693	6143179	11100	10800		TP10800N 11100
1057	16/09/2007	Soil	Silt	B	Brown	667648	6143162	11150	10800	Gravel in sample	TP10800N 11150
1058	16/09/2007	Soil	Silt	B	Brown	667604	6143146	11200	10800	Gravel in sample	TP10800N 11200
1059	16/09/2007	Soil	Silt	B, C	Brown	667559	6143130	11250	10800	Gravel in sample	TP10800N 11250
1060	16/09/2007	Soil	Silt	B, C	Brown	667515	6143113	11300	10800	Gravel in sample	TP10800N 11300
1061	16/09/2007	Soil	Silt	B	Brown	667470	6143097	11350	10800	Gravel in sample	TP10800N 11350
1062	16/09/2007	Soil	Silt	B, C	Brown	667426	6143081	11400	10800	Gravel in sample	TP10800N 11400
1063	16/09/2007	Soil	Silt	B, C	Grey, Brown	667381	6143064	11450	10800	Gravel in sample	TP10800N 11450
1064	16/09/2007	Soil	Silt	B, C	Grey, Brown	667337	6143048	11500	10800	Gravel in sample	TP10800N 11500
1066	16/09/2007	Soil	Silt	B	Brown	667253	6143010	11600	10800	Gravel in sample	TP10800N 11600
1067	16/09/2007	Soil	Silt	B, C	Brown	667212	6142991	11650	10800	Gravel in sample	TP10800N 11650
1068	16/09/2007	Soil	Silt	B	Brown	667170	6142972	11700	10800	Gravel in sample	TP10800N 11700
1069	16/09/2007	Soil	Silt	A	Grey, Brown	667128	6142953	11750	10800	Gravel in sample	TP10800N 11750
1070	16/09/2007	Soil	Silt	B	Brown	667086	6142934	11800	10800	Gravel in sample	TP10800N 11800
1071	16/09/2007	Soil	Silt	B	Brown	667044	6142915	11850	10800	Gravel in sample	TP10800N 11850
1072	16/09/2007	Soil	Silt	A, B, Organic	Brown, Black	667003	6142896	11900	10800		TP10800N 11900
1073	16/09/2007	Soil	Silt	B	Brown	666961	6142877	11950	10800	Gravel in sample	TP10800N 11950
1074	16/09/2007	Soil	Silt	A, Organic	Black	666919	6142858	12000	10800		TP10800N 12000
950	13/09/2007	Soil	Sand	B	Brown	668480	6143902	10000	11200		TPBL11200N 10000
1075	17/09/2007	Soil	Silt	B	Brown	668481	6143904	10050	11200	Gravel in sample	TP11200N 10050
1076	17/09/2007	Soil	Silt	A, B	Grey, Brown	668435	6143886	10100	11200	Gravel in sample	TP11200N 10100
1077	17/09/2007	Soil	Silt	A, B	Grey	668388	6143868	10150	11200	Sand and gravel in sample	TP11200N 10150
1078	17/09/2007	Soil	Silt	A, B	Grey, Brown	668342	6143850	10200	11200		TP11200N 10200
1079	17/09/2007	Soil	Silt	A, B	Grey, Brown	668295	6143832	10250	11200	Gravel in sample	TP11200N 10250
1080	17/09/2007	Soil	Silt	A, B	Grey, Brown	668249	6143814	10300	11200	Gravel in sample	TP11200N 10300
1081	17/09/2007	Soil	Silt	A, B	Grey, Brown	668202	6143796	10350	11200	Gravel in sample	TP11200N 10350
1082	17/09/2007	Soil	Silt	A, B	Grey, Brown	668156	6143778	10400	11200	Gravel in sample	TP11200N 10400
1083	17/09/2007	Soil	Silt	A, B	Grey, Brown	668110	6143760	10450	11200		TP11200N 10450
1084	17/09/2007	Soil	Silt	A, B	Brown	668063	6143742	10500	11200	Gravel in sample	TP11200N 10500
1085	17/09/2007	Soil	Silt	B	Brown	668017	6143724	10550	11200		TP11200N 10550
1086	17/09/2007	Soil	Silt	A, B	Brown	667970	6143706	10600	11200	Gravel in sample	TP11200N 10600
1087	17/09/2007	Soil	Silt	B	Brown	667924	6143688	10650	11200	Sand and gravel in sample	TP11200N 10650
1088	17/09/2007	Soil	Silt	B	Brown	667877	6143670	10700	11200	Gravel in sample	TP11200N 10700
1089	17/09/2007	Soil	Silt	A, B	Grey, Brown	667831	6143652	10750	11200	Gravel in sample	TP11200N 10750
1090	17/09/2007	Soil	Silt	C	Grey	667784	6143634	10800	11200	Gravel in sample	TP11200N 10800

Appendix 4 - Trail Peak Property
2007 and 2008 Soil Sample Descriptions and Locations

Sample Number	Date	Sample Type	Material	Soil Horizon	Colour	UTM East	UTM North	Grid East	Grid North	Description	Comments
NAD83, Zone 9											
1091	17/09/2007	Soil	Silt	A, B	Grey, Brown	667738	6143616	10850	11200	Gravel in sample	TP11200N 10850
1092	17/09/2007	Soil	Silt	A, B	Grey, Brown	667692	6143598	10900	11200	Gravel in sample	TP11200N 10900
1093	17/09/2007	Soil	Silt	A, B	Brown	667645	6143580	10950	11200	Gravel in sample	TP11200N 10950
1094	17/09/2007	Soil	Silt	B	Brown	667599	6143562	11000	11200	Gravel in sample	TP11200N 11000
1095	17/09/2007	Soil	Silt	A, B	Grey, Brown	667552	6143545	11050	11200	Sand and gravel in sample	TP11200N 11050
1096	17/09/2007	Soil	Silt	B	Brown	667506	6143527	11100	11200		TP11200N 11100
1097	17/09/2007	Soil	Silt	A, B, Organic	Brown	667459	6143509	11150	11200	Gravel in sample	TP11200N 11150
1098	17/09/2007	Soil	Silt	A, B	Brown	667413	6143491	11200	11200	Gravel in sample	TP11200N 11200
1099	17/09/2007	Soil	Silt	B	Brown	667367	6143473	11250	11200	Gravel in sample	TP11200N 11250
1100	17/09/2007	Soil	Silt	B	Brown	667320	6143455	11300	11200	Gravel in sample	TP11200N 11300
1601	17/09/2007	Soil	Silt	B	Brown	667274	6143437	11350	11200	Gravel in sample	TP11200N 11350
1602	17/09/2007	Soil	Silt	B, C	Grey, Brown	667227	6143419	11400	11200	Gravel in sample	TP11200N 11400
1603	17/09/2007	Soil	Silt	A, B	Brown, Black	667181	6143401	11450	11200	Gravel in sample	TP11200N 11450
1604	17/09/2007	Soil	Silt	A, B, Organic	Dark Brown	667134	6143383	11500	11200		TP11200N 11500
1605	17/09/2007	Soil	Silt	A, Organic	Black	667088	6143365	11550	11200		TP11200N 11550
1606	17/09/2007	Soil	Silt	A, Organic	Brown, Black	667041	6143347	11600	11200	Gravel in sample	TP11200N 11600
1607	17/09/2007	Soil	Silt	B, C	Brown	666995	6143329	11650	11200	Gravel in sample	TP11200N 11650
1608	17/09/2007	Soil	Silt	B, C	Brown	666949	6143311	11700	11200	Gravel in sample	TP11200N 11700
1610	17/09/2007	Soil	Silt	A, B	Dark Brown	666856	6143275	11800	11200	Sand and gravel in sample	TP11200N 11800
1611	17/09/2007	Soil	Silt	B	Brown	666809	6143257	11850	11200	Gravel in sample	TP11200N 11850
1612	17/09/2007	Soil	Silt	A, B	Grey, Brown	666763	6143239	11900	11200	Gravel in sample	TP11200N 11900
1613	17/09/2007	Soil	Silt	A, Organic	Brown, Black	666716	6143221	11950	11200	Gravel in sample	TP11200N 11950
1614	17/09/2007	Soil	Silt	A, B	Grey, Brown	666670	6143203	12000	11200		TP11200N 12000
954	13/09/2007	Soil	Silt	B	Brown	668203	6144189	10000	11600		TPBL11600N 10000
1615	18/09/2007	Soil	Silt	B	Brown	668156	6144169	10050	11600	Gravel in sample	TP11600N 10050
1616	18/09/2007	Soil	Silt	B, Organic	Brown	668112	6144151	10100	11600	Gravel in sample	TP11600N 10100
1617	18/09/2007	Soil	Silt	A, B	Brown	668067	6144134	10150	11600		TP11600N 10150
1618	18/09/2007	Soil	Silt	A, Organic	Black	668023	6144116	10200	11600		TP11600N 10200
1619	18/09/2007	Soil	Silt	A, Organic	Brown, Black	667978	6144099	10250	11600		TP11600N 10250
1620	18/09/2007	Soil	Silt	A, Organic	Brown, Black	667934	6144081	10300	11600		TP11600N 10300
1621	18/09/2007	Soil	Silt	A, Organic	Brown, Black	667889	6144064	10350	11600		TP11600N 10350
1622	18/09/2007	Soil	Silt	A, Organic	Brown, Black	667845	6144046	10400	11600		TP11600N 10400
1624	18/09/2007	Soil	Silt	A, Organic	Brown, Black	667756	6144011	10500	11600		TP11600N 10500
1625	18/09/2007	Soil	Silt	A, Organic	Brown, Black	667711	6143994	10550	11600		TP11600N 10550
1626	18/09/2007	Soil	Silt	A, B	Brown, Black	667667	6143976	10600	11600		TP11600N 10600
1627	18/09/2007	Soil	Silt	A	Grey, Brown	667622	6143959	10650	11600		TP11600N 10650
1630	18/09/2007	Soil	Silt	A, B, Organic	Brown	667489	6143906	10800	11600		TP11600N 10800
1631	18/09/2007	Soil	Silt	A, B	Grey, Brown	667444	6143889	10850	11600		TP11600N 10850
1632	18/09/2007	Soil	Silt	A	Grey, Brown	667400	6143871	10900	11600		TP11600N 10900
1633	18/09/2007	Soil	Silt	A, Organic	Grey, Brown	667355	6143854	10950	11600		TP11600N 10950
1634	18/09/2007	Soil	Silt	A	Grey, Brown	667311	6143836	11000	11600		TP11600N 11000
1635	18/09/2007	Soil	Silt	B	Brown	667266	6143819	11050	11600		TP11600N 11050
1636	18/09/2007	Soil	Silt	A, Organic	Brown	667222	6143801	11100	11600		TP11600N 11100
1637	18/09/2007	Soil	Silt	A, Organic	Grey, Brown	667177	6143784	11150	11600		TP11600N 11150
1639	18/09/2007	Soil	Silt	B, Organic	Brown, Black	667088	6143749	11250	11600		TP11600N 11250
1640	18/09/2007	Soil	Silt	A, Organic	Brown, Black	667044	6143731	11300	11600		TP11600N 11300
1643	18/09/2007	Soil	Silt	A, Organic	Brown, Black	666910	6143679	11450	11600		TP11600N 11450
1644	18/09/2007	Soil	Silt	B, Organic	Brown	666866	6143661	11500	11600		TP11600N 11500
1645	18/09/2007	Soil	Silt	A, Organic	Grey, Brown	666821	6143644	11550	11600	Gravel in sample	TP11600N 11550
1646	18/09/2007	Soil	Silt	A, Organic	Brown, Black	666777	6143626	11600	11600	Sand and gravel in sample	TP11600N 11600
1647	18/09/2007	Soil	Silt	B	Brown	666732	6143609	11650	11600	Gravel in sample	TP11600N 11650
1648	18/09/2007	Soil	Silt	B	Brown	666688	6143591	11700	11600	Gravel in sample	TP11600N 11700
1649	18/09/2007	Soil	Silt	A, B	Grey, Brown	666643	6143574	11750	11600	Gravel in sample	TP11600N 11750
1650	18/09/2007	Soil	Silt	A, B	Grey, Brown	666599	6143556	11800	11600	Sand and gravel in sample	TP11600N 11800
1651	18/09/2007	Soil	Silt	A	Grey, Brown	666554	6143539	11850	11600	Sand and gravel in sample	TP11600N 11850
1652	18/09/2007	Soil	Silt	B	Brown	666510	6143521	11900	11600	Gravel in sample	TP11600N 11900
1654	18/09/2007	Soil	Silt	B	Brown	666421	6143486	12000	11600	Gravel in sample	TP11600N 12000
1655	19/09/2007	Soil	Silt	A, B, Organic	Brown	667790	6144430	10000	12000		TPBL12000N 10000
1691	20/09/2007	Soil	Silt	A, B	Brown	667746	6144412	10050	12000	This line was tied in from line 11600N at the 300 m station	TP12000N 10050
1692	20/09/2007	Soil	Silt	B, Organic	Brown	667703	6144394	10100	12000	Gravel in sample	TP12000N 10100
1693	20/09/2007	Soil	Silt	B, Organic	Brown	667659	6144377	10150	12000		TP12000N 10150
1694	20/09/2007	Soil	Silt	B	Brown	667615	6144359	10200	12000	Gravel in sample	TP12000N 10200
1695	20/09/2007	Soil	Silt	B	Grey, Brown	667571	6144341	10250	12000	Gravel in sample	TP12000N 10250
1696	20/09/2007	Soil	Silt	B	Brown	667528	6144323	10300	12000	Gravel in sample	TP12000N 10300
1697	20/09/2007	Soil	Silt	B, Organic	Brown, Black	667484	6144306	10350	12000	Gravel in sample	TP12000N 10350
1698	20/09/2007	Soil	Silt	A, Organic	Black	667440	6144288	10400	12000		TP12000N 10400

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Sample Number	Date	Sample Type	Material	Soil Horizon	Colour	UTM East	UTM North	Grid East	Grid North	Description	Comments
NAD83, Zone 9											
1699	20/09/2007	Soil	Silt	B	Brown	667396	6144270	10450	12000	Gravel in sample	TP12000N 10450
1700	20/09/2007	Soil	Silt	B	Brown	667353	6144252	10500	12000	Gravel in sample	TP12000N 10500
1701	20/09/2007	Soil	Silt	B	Brown	667309	6144235	10550	12000	Gravel in sample	TP12000N 10550
1702	20/09/2007	Soil	Silt	B	Brown	667265	6144217	10600	12000	Gravel in sample	TP12000N 10600
1703	20/09/2007	Soil	Silt	B	Brown	667221	6144199	10650	12000	Gravel in sample	TP12000N 10650
1704	20/09/2007	Soil	Silt	B	Brown	667178	6144181	10700	12000	Gravel in sample	TP12000N 10700
1705	20/09/2007	Soil	Silt	A, Organic	Grey, Brown	667134	6144164	10750	12000		TP12000N 10750
1706	20/09/2007	Soil	Silt	A, Organic	Grey	667090	6144146	10800	12000		TP12000N 10800
1707	20/09/2007	Soil	Silt	A, B	Grey, Brown	667047	6144128	10850	12000	Gravel in sample	TP12000N 10850
1708	20/09/2007	Soil	Silt	A, B	Grey, Brown	667003	6144110	10900	12000	Gravel in sample	TP12000N 10900
1709	20/09/2007	Soil	Silt	A, B	Grey, Brown	666959	6144092	10950	12000		TP12000N 10950
1710	20/09/2007	Soil	Silt	B	Brown	666915	6144075	11000	12000	Gravel in sample	TP12000N 11000
1711	20/09/2007	Soil	Silt	B, Organic	Brown, Black	666872	6144057	11050	12000	Gravel in sample	TP12000N 11050
1712	20/09/2007	Soil	Silt	B	Brown	666828	6144039	11100	12000	Gravel in sample	TP12000N 11100
1713	20/09/2007	Soil	Silt	B	Brown	666784	6144021	11150	12000	Gravel in sample	TP12000N 11150
1714	20/09/2007	Soil	Silt	B	Brown	666740	6144004	11200	12000	Gravel in sample	TP12000N 11200
1715	20/09/2007	Soil	Silt	A, Organic	Black	666697	6143986	11250	12000		TP12000N 11250
1716	20/09/2007	Soil	Silt	A, Organic	Brown, Black	666653	6143968	11300	12000	Gravel in sample	TP12000N 11300
1717	20/09/2007	Soil	Silt	A, B	Grey, Brown	666609	6143950	11350	12000	Gravel in sample	TP12000N 11350
1718	20/09/2007	Soil	Silt	A, B	Grey, Brown	666565	6143933	11400	12000	Gravel in sample	TP12000N 11400
1719	20/09/2007	Soil	Silt	B	Brown	666522	6143915	11450	12000	Gravel in sample	TP12000N 11450
1720	20/09/2007	Soil	Silt	B	Brown	666478	6143897	11500	12000		TP12000N 11500
1721	20/09/2007	Soil	Silt	A, Organic	Brown, Black	666434	6143879	11550	12000		TP12000N 11550
1722	20/09/2007	Soil	Silt	A, B	Brown, White	666390	6143862	11600	12000		TP12000N 11600
1723	20/09/2007	Soil	Silt	A, B	Grey, Brown	666347	6143844	11650	12000	Gravel in sample	TP12000N 11650
1724	20/09/2007	Soil	Silt	A, B	Grey, Brown	666303	6143826	11700	12000	Gravel in sample	TP12000N 11700
1656	19/09/2007	Soil	Silt	B, Organic	Brown	667633	6144783	10000	12400	Gravel in sample	TPBL12400N 10000
1657	19/09/2007	Soil	Silt	B, Organic	Brown	667588	6144766	10050	12400		TP12400N 10050
1658	19/09/2007	Soil	Silt	B	Brown	667543	6144748	10100	12400		TP12400N 10100
1659	19/09/2007	Soil	Silt	B	Brown	667498	6144731	10150	12400		TP12400N 10150
1660	19/09/2007	Soil	Silt	B	Brown	667453	6144713	10200	12400		TP12400N 10200
1661	19/09/2007	Soil	Silt	B	Brown	667407	6144696	10250	12400		TP12400N 10250
1662	19/09/2007	Soil	Silt	B, Organic	Brown, Black	667362	6144678	10300	12400		TP12400N 10300
1663	19/09/2007	Soil	Silt	A, B	Grey, Brown	667317	6144661	10350	12400		TP12400N 10350
1664	19/09/2007	Soil	Silt	A, B	Grey, Brown	667272	6144643	10400	12400		TP12400N 10400
1665	19/09/2007	Soil	Silt	A, Organic	Brown, Black	667227	6144626	10450	12400		TP12400N 10450
1666	19/09/2007	Soil	Silt	A, Organic	Black	667182	6144608	10500	12400		TP12400N 10500
1667	19/09/2007	Soil	Silt	A, Organic	Brown, Black	667137	6144591	10550	12400		TP12400N 10550
1668	19/09/2007	Soil	Silt	A, Organic	Brown, Black	667092	6144573	10600	12400		TP12400N 10600
1669	19/09/2007	Soil	Silt	A, Organic	Brown, Black	667046	6144556	10650	12400		TP12400N 10650
1670	19/09/2007	Soil	Silt	A, Organic	Grey	667001	6144538	10700	12400		TP12400N 10700
1671	19/09/2007	Soil	Silt	B	Brown	666956	6144521	10750	12400	Gravel in sample	TP12400N 10750
1672	19/09/2007	Soil	Silt	A, Organic	Grey	666911	6144503	10800	12400		TP12400N 10800
1673	19/09/2007	Soil	Silt	A, Organic	Grey, Black	666866	6144486	10850	12400		TP12400N 10850
1674	19/09/2007	Soil	Silt	B, Organic	Brown, Black	666821	6144469	10900	12400		TP12400N 10900
1675	19/09/2007	Soil	Silt	A, Organic	Grey	666776	6144451	10950	12400		TP12400N 10950
1676	19/09/2007	Soil	Silt	A, Organic	Grey, Black	666731	6144434	11000	12400		TP12400N 11000
1677	19/09/2007	Soil	Silt	B, Organic	Brown, Black	666686	6144416	11050	12400		TP12400N 11050
1678	19/09/2007	Soil	Silt	B	Brown	666640	6144399	11100	12400		TP12400N 11100
1679	19/09/2007	Soil	Silt	A, B, Organic	Brown, Black	666595	6144381	11150	12400		TP12400N 11150
1680	19/09/2007	Soil	Silt	B, Organic	Brown	666550	6144364	11200	12400		TP12400N 11200
1681	19/09/2007	Soil	Silt	A, Organic	Grey, Brown	666505	6144346	11250	12400	Gravel in sample	TP12400N 11250
1682	19/09/2007	Soil	Silt	B, Organic	Brown	666460	6144329	11300	12400		TP12400N 11300
1683	19/09/2007	Soil	Silt	B	Brown	666415	6144311	11350	12400	Gravel in sample	TP12400N 11350
1684	19/09/2007	Soil	Silt	B	Brown	666370	6144294	11400	12400	Gravel in sample	TP12400N 11400
1685	19/09/2007	Soil	Silt	B, Organic	Brown	666325	6144276	11450	12400	Gravel in sample	TP12400N 11450
1686	19/09/2007	Soil	Silt	B	Brown	666279	6144259	11500	12400	Gravel in sample	TP12400N 11500
1687	19/09/2007	Soil	Silt	B	Brown	666234	6144241	11550	12400		TP12400N 11550
1688	19/09/2007	Soil	Silt	B	Brown, White	666189	6144224	11600	12400		TP12400N 11600
1689	19/09/2007	Soil	Silt	A	Grey, Brown	666144	6144206	11650	12400	Gravel in sample	TP12400N 11650
1690	19/09/2007	Soil	Silt	A, B	Grey	666099	6144189	11700	12400		TP12400N 11700
2448	01/07/2008	Soil	Till	B	Brown	667705	6144603	10000	12200		
2449	01/07/2008	Soil	Till	B	Brown	667661	6144585	10050	12200		
2450	01/07/2008	Soil	Talus	B	Brown	667618	6144568	10100	12200		
2451	01/07/2008	Soil	Coluvium	B	Brown	667574	6144550	10150	12200		
2452	01/07/2008	Soil	Talus	B	Brown	667531	6144532	10200	12200		

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Sample Number	Date	Sample Type	Material	Soil Horizon	Colour	UTM East	UTM North	Grid East	Grid North	Description	Comments
NAD83, Zone 9											
2453	01/07/2008	Soil	Coluvium	B	Brown	667487	6144515	10250	12200		
2454	01/07/2008	Soil	Till	B	Brown	667443	6144497	10300	12200		
2455	01/07/2008	Soil	Silt	B	Brown	667400	6144479	10350	12200		
2456	01/07/2008	Soil	Coluvium	B	Brown	667356	6144461	10400	12200		
2457	01/07/2008	Soil	Coluvium	B	Brown	667313	6144444	10450	12200		
2458	01/07/2008	Soil	Coluvium	B	Brown	667269	6144426	10500	12200		
2459	01/07/2008	Soil	Till	B	Brown	667223	6144410	10550	12200		
2460	01/07/2008	Soil	Till	B	Brown	667177	6144394	10600	12200		
2461	01/07/2008	Soil	Till	B	Brown	667131	6144379	10650	12200		
2462	01/07/2008	Soil	Till	B	Brown	667085	6144363	10700	12200		
2463	01/07/2008	Soil	Till	B	Brown	667039	6144347	10750	12200		
2464	01/07/2008	Soil	Coluvium	B	Black	666993	6144331	10800	12200		
2465	01/07/2008	Soil	Till	B	Brown	666947	6144315	10850	12200		
2466	01/07/2008	Soil	Till	B	Brown	666901	6144300	10900	12200		
2467	01/07/2008	Soil	Coluvium	B	Brown	666855	6144284	10950	12200		
2468	01/07/2008	Soil	Coluvium	B	Brown	666809	6144268	11000	12200		
2469	01/07/2008	Soil	Coluvium	B	Brown	666765	6144249	11050	12200		
2470	01/07/2008	Soil	Talus	B	Brown	666721	6144230	11100	12200		
2471	01/07/2008	Soil	Coluvium	B	Brown	666676	6144211	11150	12200		
2472	01/07/2008	Soil	Talus	B	Brown	666632	6144192	11200	12200		
2473	01/07/2008	Soil	Coluvium	B	Brown	666588	6144173	11250	12200		
2474	01/07/2008	Soil	Talus	B	Brown	666544	6144153	11300	12200		
2475	01/07/2008	Soil	Till	B	Brown	666500	6144134	11350	12200		
2476	01/07/2008	Soil	Till	B	Black	666455	6144115	11400	12200		
2477	01/07/2008	Soil	Till	B	Black	666411	6144096	11450	12200		
2478	01/07/2008	Soil	Till	B	Brown	666367	6144077	11500	12200		
2479	02/07/2008	Soil	Till	B	Brown	666322	6144058	11550	12200		
2480	02/07/2008	Soil	Coluvium	B	Brown	666276	6144038	11600	12200		
2481	02/07/2008	Soil	Talus	B	Grey	666231	6144019	11650	12200		
2482	02/07/2008	Soil	Till	B	Brown	666186	6143999	11700	12200		
2483	02/07/2008	Soil	Coluvium	B	Brown	666141	6143980	11750	12200		
2484	02/07/2008	Soil	Till	B	Brown	666095	6143960	11800	12200		
2485	02/07/2008	Soil	Sand	B	Brown	666050	6143941	11850	12200		
2486	02/07/2008	Soil	Till	B	Brown	666005	6143921	11900	12200		
2487	02/07/2008	Soil	Coluvium	B	Brown	665959	6143902	11950	12200		
2488	02/07/2008	Soil	Coluvium	B	Brown	665914	6143882	12000	12200		
2489	02/07/2008	Soil	Till	B	Brown	665869	6143862	12050	12200		
2490	02/07/2008	Soil	Till	B	Brown	665824	6143843	12100	12200		
2491	02/07/2008	Soil	Till	B	Red	665779	6143823	12150	12200		
2492	02/07/2008	Soil	Silt	B	Grey	665734	6143804	12200	12200		
2493	02/07/2008	Soil	Silt	B	Brown	665690	6143784	12250	12200		
2494	02/07/2008	Soil	Coluvium	B	Brown	665645	6143764	12300	12200		
2495	02/07/2008	Soil	Till	B	Brown	665600	6143745	12350	12200		
2496	02/07/2008	Soil	Silt	B	Black	665555	6143725	12400	12200		
2497	02/07/2008	Soil	Sand	B	Brown	665510	6143706	12450	12200		
2498	02/07/2008	Soil	Till	B	Brown	665465	6143686	12500	12200		
2499	02/07/2008	Soil	Till	B	Brown	665420	6143666	12550	12200		
2500	02/07/2008	Soil	Till	B	Brown	665374	6143647	12600	12200		
2501	02/07/2008	Soil	Till	B	Grey	665329	6143627	12650	12200		
2502	02/07/2008	Soil	Till	B	Brown	665284	6143607	12700	12200		
2503	02/07/2008	Soil	Till	B	Brown	664966	6143465	13050	12200		
2504	03/07/2008	Soil	Coluvium	B	Brown	668299	6144036	10050	11400		
2505	03/07/2008	Soil	Coluvium	B	Brown	668254	6144018	10100	11400		
2506	03/07/2008	Soil	Till	B	Brown	668208	6144001	10150	11400		
2507	03/07/2008	Soil	Till	B	Brown	668163	6143983	10200	11400		
2508	03/07/2008	Soil	Till	B	Brown	668117	6143965	10250	11400		
2509	03/07/2008	Soil	Till	B	Brown	668072	6143948	10300	11400		
2510	03/07/2008	Soil	Till	B	Brown	668026	6143930	10350	11400		
2511	03/07/2008	Soil	Till	B	Brown	667981	6143912	10400	11400		
2512	03/07/2008	Soil	Till	B	Brown	667936	6143895	10450	11400		
2513	03/07/2008	Soil	Till	B	Brown	667890	6143877	10500	11400		
2514	03/07/2008	Soil	Coluvium	B	Brown	667845	6143859	10550	11400		
2515	03/07/2008	Soil	Talus	B	Brown	667799	6143841	10600	11400		
2516	03/07/2008	Soil	Coluvium	B	Brown	667754	6143824	10650	11400		
2517	03/07/2008	Soil	Till	B	Brown	667709	6143806	10700	11400		
2518	03/07/2008	Soil	Coluvium	B	Brown	667663	6143788	10750	11400		

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2007 and 2008 Soil Sample Descriptions and Locations

Sample Number	Date	Sample Type	Material	Soil Horizon	Colour	UTM East	UTM North	Grid East	Grid North	Description	Comments
NAD83, Zone 9											
2519	03/07/2008	Soil	Coluvium	B	Brown	667618	6143771	10800	11400		
2520	03/07/2008	Soil	Till	B	Brown	667572	6143753	10850	11400		
2521	03/07/2008	Soil	Coluvium	B	Brown	667527	6143735	10900	11400		
2522	03/07/2008	Soil	Till	B	Brown	667481	6143718	10950	11400		
2523	03/07/2008	Soil	Coluvium	B	Brown	667436	6143700	11000	11400		
2524	03/07/2008	Soil	Coluvium	B	Brown	667391	6143682	11050	11400		
2525	03/07/2008	Soil	Coluvium	B	Brown	667346	6143663	11100	11400		
2526	03/07/2008	Soil	Till	B	Brown	667301	6143645	11150	11400		
2527	03/07/2008	Soil	Till	B	Brown	667256	6143626	11200	11400		
2528	03/07/2008	Soil	Till	B	Brown	667211	6143608	11250	11400		
2529	03/07/2008	Soil	Talus	B	Brown	667166	6143589	11300	11400		
2530	03/07/2008	Soil	Talus	B	Brown	667121	6143571	11350	11400		
2531	03/07/2008	Soil	Till	B	Brown	667076	6143552	11400	11400		
2532	03/07/2008	Soil	Till	B	Brown	667031	6143534	11450	11400		
2533	03/07/2008	Soil	Till	B	Brown	666986	6143515	11500	11400		
2534	03/07/2008	Soil	Till	B	Brown	666940	6143497	11550	11400		
2535	03/07/2008	Soil	Coluvium	B	Brown	666895	6143478	11600	11400		
2536	03/07/2008	Soil	Coluvium	B	Brown	666850	6143460	11650	11400		
2537	03/07/2008	Soil	Coluvium	B	Brown	666805	6143441	11700	11400		
2538	03/07/2008	Soil	Talus	B	Brown	666760	6143423	11750	11400		
2539	03/07/2008	Soil	Coluvium	B	Brown	666715	6143404	11800	11400		
2540	03/07/2008	Soil	Till	B	Brown	666670	6143386	11850	11400		
2541	04/07/2008	Soil	Till	B	Brown	666625	6143367	11900	11400		
2542	04/07/2008	Soil	Till	B	Brown	666580	6143349	11950	11400		
2543	04/07/2008	Soil	Coluvium	B	Brown	666535	6143330	12000	11400		
2544	04/07/2008	Soil	Coluvium	B	Brown	666490	6143312	12050	11400		
2545	04/07/2008	Soil	Till	B	Brown	666445	6143293	12100	11400		
2546	04/07/2008	Soil	Coluvium	B	Brown	666399	6143275	12150	11400		
2547	04/07/2008	Soil	Coluvium	B	Brown	666354	6143257	12200	11400		
2548	04/07/2008	Soil	Till	B	Brown	666309	6143239	12250	11400		
2549	04/07/2008	Soil	Talus	B	Brown	666264	6143220	12300	11400		
2550	04/07/2008	Soil	Till	B	Brown	666218	6143202	12350	11400		
2551	04/07/2008	Soil	Coluvium	B	Grey	666173	6143184	12400	11400		
2552	04/07/2008	Soil	Coluvium	B	Brown	666128	6143165	12450	11400		
2553	04/07/2008	Soil	Coluvium	B	Brown	666083	6143147	12500	11400		
2554	04/07/2008	Soil	Till	B	Brown	666037	6143129	12550	11400		
2555	04/07/2008	Soil	Coluvium	B	Brown	665992	6143110	12600	11400		
2556	04/07/2008	Soil	Coluvium	B	Brown	665947	6143092	12650	11400		
2557	04/07/2008	Soil	Till	B	Black	665902	6143074	12700	11400		
2558	04/07/2008	Soil	Till	B	Brown	665856	6143056	12750	11400		
2559	04/07/2008	Soil	Till	B	Grey	665811	6143037	12800	11400		
2560	04/07/2008	Soil	Till	B	Brown	665766	6143019	12850	11400		
2561	05/07/2008	Soil	Coluvium	B	Brown	668398	6143665	10050	11000		
2562	05/07/2008	Soil	Coluvium	B	Brown	668353	6143647	10100	11000		
2563	05/07/2008	Soil	Coluvium	B	Brown	668307	6143629	10150	11000		
2564	05/07/2008	Soil	Till	B	Brown	668262	6143612	10200	11000		
2565	05/07/2008	Soil	Till	B	Brown	668217	6143594	10250	11000		
2566	05/07/2008	Soil	Till	B	Brown	668172	6143576	10300	11000		
2567	05/07/2008	Soil	Till	B	Brown	668126	6143558	10350	11000		
2568	05/07/2008	Soil	Coluvium	B	Brown	668081	6143540	10400	11000		
2569	05/07/2008	Soil	Till	B	Brown	668036	6143523	10450	11000		
2570	05/07/2008	Soil	Till	B	Brown	667991	6143505	10500	11000		
2571	05/07/2008	Soil	Coluvium	B	Brown	667945	6143487	10550	11000		
2572	05/07/2008	Soil	Talus	B	Brown	667900	6143469	10600	11000		
2573	05/07/2008	Soil	Coluvium	B	Brown	667855	6143452	10650	11000		
2574	05/07/2008	Soil	Coluvium	B	Brown	667810	6143434	10700	11000		
2575	05/07/2008	Soil	Coluvium	B	Brown	667764	6143416	10750	11000		
2576	05/07/2008	Soil	Coluvium	B	Brown	667719	6143398	10800	11000		
2577	05/07/2008	Soil	Coluvium	B	Brown	667674	6143380	10850	11000		
2578	05/07/2008	Soil	Coluvium	B	Brown	667629	6143363	10900	11000		
2579	05/07/2008	Soil	Coluvium	B	Brown	667583	6143345	10950	11000		
2580	05/07/2008	Soil	Coluvium	B	Brown	667538	6143327	11000	11000		
2581	05/07/2008	Soil	Coluvium	B	Brown	667493	6143308	11050	11000		
2582	05/07/2008	Soil	Coluvium	B	Brown	667448	6143289	11100	11000		
2583	05/07/2008	Soil	Till	B	Brown	667402	6143271	11150	11000		
2584	05/07/2008	Soil	Coluvium	B	Brown	667357	6143252	11200	11000		
2585	05/07/2008	Soil	Coluvium	B	Brown	667312	6143233	11250	11000		

Appendix 4 - Trail Peak Property
2007 and 2008 Soil Sample Descriptions and Locations

Sample Number	Date	Sample Type	Material	Soil Horizon	Colour	UTM East	UTM North	Grid East	Grid North	Description	Comments
NAD83, Zone 9											
2585	05/07/2008	Soil	Coluvium	B	Brown	667267	6143214	11300	11000		
2586	05/07/2008	Soil	Coluvium	B	Brown	667222	6143195	11350	11000		
2587	05/07/2008	Soil	Talus	B	Brown	667176	6143177	11400	11000		
2588	05/07/2008	Soil	Coluvium	B	Brown	667131	6143158	11450	11000		
2589	05/07/2008	Soil	Talus	B	Brown	667086	6143139	11500	11000		
2590	05/07/2008	Soil	Coluvium	B	Brown	667041	6143120	11550	11000		
2591	05/07/2008	Soil	Coluvium	B	Brown	666996	6143101	11600	11000		
2592	05/07/2008	Soil	Talus	B	Brown	666950	6143083	11650	11000		
2593	05/07/2008	Soil	Talus	B	Brown	666905	6143064	11700	11000		
2594	05/07/2008	Soil	Coluvium	B	Brown	666860	6143045	11750	11000		
2595	06/07/2008	Soil	Coluvium	B	Brown	666815	6143026	11800	11000		
2596	06/07/2008	Soil	Coluvium	B	Grey	666770	6143007	11850	11000		
2597	06/07/2008	Soil	Talus	B	Brown	666724	6142989	11900	11000		
2598	06/07/2008	Soil	Talus	B	Brown	666679	6142970	11950	11000		
2599	06/07/2008	Soil	Talus	B	Brown	666634	6142951	12000	11000		
2600	06/07/2008	Soil	Coluvium	B	Brown	666589	6142932	12050	11000		
2901	06/07/2008	Soil	Till	B	Brown	666544	6142913	12100	11000		
2902	06/07/2008	Soil	Coluvium	B	Brown	666498	6142895	12150	11000		
2903	06/07/2008	Soil	Till	B	Grey	666453	6142876	12200	11000		
2904	06/07/2008	Soil	Till	B	Brown	666408	6142857	12250	11000		
2905	06/07/2008	Soil	Coluvium	B	Brown	666363	6142838	12300	11000		
2906	06/07/2008	Soil	Coluvium	B	Brown	666318	6142819	12350	11000		
2907	06/07/2008	Soil	Coluvium	B	Brown	666272	6142801	12400	11000		
2908	06/07/2008	Soil	Coluvium	B	Brown	666227	6142782	12450	11000		
2909	06/07/2008	Soil	Till	B	Brown	666182	6142763	12500	11000		
2910	07/07/2008	Soil	Talus	B	Brown	669060	6143156	10000	10200		
2911	07/07/2008	Soil	Coluvium	B	Brown	669015	6143137	10050	10200		
2912	07/07/2008	Soil	Talus	B	Brown	668970	6143117	10100	10200		
2913	07/07/2008	Soil	Coluvium	B	Brown	668925	6143098	10150	10200		
2914	07/07/2008	Soil	Talus	B	Brown	668881	6143078	10200	10200		
2915	07/07/2008	Soil	Coluvium	B	Brown	668836	6143059	10250	10200		
2916	07/07/2008	Soil	Silt	B	Brown	668791	6143040	10300	10200		
2917	07/07/2008	Soil	Coluvium	B	Brown	668746	6143020	10350	10200		
2918	07/07/2008	Soil	Till	B	Brown	668701	6143001	10400	10200		
2919	07/07/2008	Soil	Till	B	Brown	668656	6142981	10450	10200		
2920	07/07/2008	Soil	Till	B	Brown	668612	6142962	10500	10200		
2921	07/07/2008	Soil	Till	B	Brown	668567	6142943	10550	10200		
2922	07/07/2008	Soil	Till	B	Brown	668522	6142923	10600	10200		
2923	07/07/2008	Soil	Coluvium	B	Brown	668477	6142904	10650	10200		
2924	07/07/2008	Soil	Coluvium	B	Brown	668432	6142884	10700	10200		
2925	07/07/2008	Soil	Coluvium	B	Brown	668387	6142865	10750	10200		
2926	07/07/2008	Soil	Till	B	Brown	668253	6142807	10900	10200		
2927	07/07/2008	Soil	Coluvium	B	Brown	668208	6142787	10950	10200		
2928	07/07/2008	Soil	Coluvium	B	Brown	668163	6142768	11000	10200		
2929	07/07/2008	Soil	Till	B	Brown	668118	6142749	11050	10200		
2930	07/07/2008	Soil	Coluvium	B	Brown	668074	6142730	11100	10200		
2931	07/07/2008	Soil	Talus	B	Brown	667940	6142673	11250	10200		
2932	07/07/2008	Soil	Talus	B	Brown	667895	6142654	11300	10200		
2933	07/07/2008	Soil	Till	B	Brown	667851	6142635	11350	10200		
2934	07/07/2008	Soil	Till	B	Brown	667806	6142616	11400	10200		
2935	07/07/2008	Soil	Coluvium	B	Brown	667762	6142597	11450	10200		
2936	07/07/2008	Soil	Till	B	Brown	667717	6142579	11500	10200		
2937	07/07/2008	Soil	Coluvium	B	Brown	667672	6142560	11550	10200		
2938	07/07/2008	Soil	Coluvium	B	Brown	667628	6142541	11600	10200		
2939	07/07/2008	Soil	Coluvium	B	Brown	667583	6142522	11650	10200		
2940	07/07/2008	Soil	Coluvium	B	Brown	667539	6142503	11700	10200		
2941	07/07/2008	Soil	Coluvium	B	Brown	667494	6142484	11750	10200		
2942	07/07/2008	Soil	Coluvium	B	Brown	667449	6142465	11800	10200		
2943	07/07/2008	Soil	Coluvium	B	Brown	667405	6142446	11850	10200		
2944	07/07/2008	Soil	Coluvium	B	Brown	667360	6142427	11900	10200		
2945	07/07/2008	Soil	Coluvium	B	Brown	667316	6142408	11950	10200		
2946	07/07/2008	Soil	Coluvium	B	Brown	667271	6142389	12000	10200		
2947	07/07/2008	Soil	Till	B	Brown	667226	6142370	12050	10200		
2948	07/07/2008	Soil	Coluvium	B	Brown	667182	6142351	12100	10200		
2949	07/07/2008	Soil	Coluvium	B	Brown	667137	6142333	12150	10200		
2950	07/07/2008	Soil	Coluvium	B	Brown	667092	6142314	12200	10200		

Appendix 4 - Trail Peak Property
2007 and 2008 Soil Sample Descriptions and Locations

Sample Number	Date	Sample Type	Material	Soil Horizon	Colour	UTM East	UTM North	Grid East	Grid North	Description	Comments
NAD83, Zone 9											
2951	07/07/2008	Soil	Coluvium	B	Brown	667048	6142295	12250	10200		
2952	07/07/2008	Soil	Coluvium	B	Brown	666914	6142239	12400	10200		
2953	07/07/2008	Soil	Coluvium	B	Brown	666869	6142220	12400	10200		
2954	08/07/2008	Soil	Coluvium	B	Brown	665600	6143349	12750	11800		
2955	08/07/2008	Soil	Coluvium	B	Brown	665646	6143367	12700	11800		
2956	08/07/2008	Soil	Coluvium	B	Brown	665736	6143403	12600	11800		
2957	08/07/2008	Soil	Coluvium	B	Brown	665782	6143422	12550	11800		
2958	08/07/2008	Soil	Till	B	Brown	665827	6143440	12500	11800		
2959	08/07/2008	Soil	Till	B	Brown	665872	6143458	12450	11800		
2960	08/07/2008	Soil	Coluvium	B	Brown	665918	6143477	12400	11800		
2961	08/07/2008	Soil	Till	B	Brown	665963	6143495	12350	11800		
2962	08/07/2008	Soil	Till	B	Brown	666008	6143513	12300	11800		
2963	08/07/2008	Soil	Talus	B	Brown	666099	6143550	12200	11800		
2964	08/07/2008	Soil	Talus	B	Brown	666144	6143568	12150	11800		
2965	08/07/2008	Soil	Till	B	Brown	666190	6143586	12100	11800		
2966	08/07/2008	Soil	Coluvium	B	Brown	666235	6143605	12050	11800		
2967	08/07/2008	Soil	Till	B	Brown	666281	6143623	12000	11800		
2968	08/07/2008	Soil	Coluvium	B	Brown	666326	6143641	11950	11800		
2969	08/07/2008	Soil	Coluvium	B	Brown	666371	6143660	11900	11800		
2970	08/07/2008	Soil	Coluvium	B	Brown	666417	6143678	11850	11800		
2971	08/07/2008	Soil	Till	B	Brown	666462	6143696	11800	11800		
2972	08/07/2008	Soil	Till	B	Brown	666507	6143715	11750	11800		
2973	08/07/2008	Soil	Coluvium	B	Brown	666553	6143733	11700	11800		
2974	08/07/2008	Soil	Coluvium	B	Brown	666598	6143751	11650	11800		
2975	08/07/2008	Soil	Till	B	Brown	666643	6143769	11600	11800		
2976	08/07/2008	Soil	Till	B	Brown	666689	6143788	11550	11800		
2977	08/07/2008	Soil	Talus	B	Brown	666734	6143806	11500	11800		
2978	08/07/2008	Soil	Talus	B	Brown	666779	6143824	11450	11800		
2979	08/07/2008	Soil	Coluvium	B	Brown	666824	6143842	11400	11800		
2980	08/07/2008	Soil	Talus	B	Brown	666869	6143861	11350	11800		
2981	08/07/2008	Soil	Coluvium	B	Brown	666914	6143879	11300	11800		
2982	08/07/2008	Soil	Coluvium	B	Brown	666959	6143897	11250	11800		
2983	08/07/2008	Soil	Till	B	Brown	667004	6143915	11200	11800		
2984	08/07/2008	Soil	Till	B	Brown	667049	6143933	11150	11800		
2985	08/07/2008	Soil	Till	B	Brown	667095	6143951	11100	11800		
2986	08/07/2008	Soil	Till	B	Brown	667140	6143970	11050	11800		
2987	08/07/2008	Soil	Coluvium	B	Brown	667185	6143988	11000	11800		
3101	08/07/2008	Soil	Coluvium	B	Brown	667230	6144006	10950	11800		
3102	08/07/2008	Soil	Coluvium	B	Brown	667275	6144024	10900	11800		
3103	08/07/2008	Soil	Coluvium	B	Brown	667320	6144042	10850	11800		
3104	08/07/2008	Soil	Coluvium	B	Brown	667365	6144060	10800	11800		
3105	08/07/2008	Soil	Till	B	Brown	667410	6144079	10750	11800		
3106	08/07/2008	Soil	Till	B	Brown	667455	6144097	10700	11800		
3107	08/07/2008	Soil	Till	B	Brown	667500	6144115	10650	11800		
3108	08/07/2008	Soil	Till	B	Brown	667545	6144133	10600	11800		
3109	08/07/2008	Soil	Till	B	Brown	667590	6144151	10550	11800		
3110	08/07/2008	Soil	Till	B	Brown	667635	6144169	10500	11800		
3111	08/07/2008	Soil	Till	B	Brown	667680	6144188	10450	11800		
3112	08/07/2008	Soil	Coluvium	B	Brown	667726	6144206	10400	11800		
3113	08/07/2008	Soil	Coluvium	B	Brown	667771	6144224	10350	11800		
3114	08/07/2008	Soil	Coluvium	B	Brown	667816	6144242	10300	11800		
3115	08/07/2008	Soil	Coluvium	B	Brown	667861	6144260	10250	11800		
3116	08/07/2008	Soil	Till	B	Brown	667906	6144278	10200	11800		
3117	08/07/2008	Soil	Coluvium	B	Brown	667951	6144297	10150	11800		
3118	08/07/2008	Soil	Coluvium	B	Brown	667996	6144315	10100	11800		
3119	08/07/2008	Soil	Till	B	Brown	668041	6144333	10050	11800		
3120	08/07/2008	Soil	Till	B	Brown	668086	6144351	10000	11800		
3121	08/07/2008	Soil	Coluvium	B	Brown	668131	6144369	9950	11800		
3122	08/07/2008	Soil	Coluvium	B	Brown	668176	6144387	9900	11800		
3123	08/07/2008	Soil	Coluvium	B	Brown	668221	6144405	9850	11800		
3124	08/07/2008	Soil	Coluvium	B	Brown	668266	6144423	9800	11800		
3125	08/07/2008	Soil	Till	B	Brown	668311	6144441	9750	11800		
3126	08/07/2008	Soil	Till	B	Brown	668356	6144459	9700	11800		
3127	08/07/2008	Soil	Coluvium	B	Brown	668401	6144477	9650	11800		
3128	08/07/2008	Soil	Coluvium	B	Brown	668446	6144495	9600	11800		
3129	08/07/2008	Soil	Coluvium	B	Brown	668491	6144513	9550	11800		

Appendix 4 - Trail Peak Property
2007 and 2008 Soil Sample Descriptions and Locations

Sample Number	Date	Sample Type	Material	Soil Horizon	Colour	UTM East	UTM North	Grid East	Grid North	Description	Comments
NAD83, Zone 9											
3130	08/07/2008	Soil	Coluvium	B	Brown	668273	6143224	10600	10600		
3131	08/07/2008	Soil	Till	B	Brown	668228	6143205	10650	10600		
3132	08/07/2008	Soil	Coluvium	B	Brown	668182	6143187	10700	10600		
3133	08/07/2008	Soil	Coluvium	B	Brown	668092	6143151	10800	10600		
3134	08/07/2008	Soil	Coluvium	B	Brown	668047	6143132	10850	10600		
3135	08/07/2008	Soil	Coluvium	B	Brown	668002	6143114	10900	10600		
3136	08/07/2008	Soil	Coluvium	B	Brown	667956	6143096	10950	10600		
3137	08/07/2008	Soil	Till	B	Brown	667911	6143077	11000	10600		
3138	08/07/2008	Soil	Coluvium	B	Brown	667866	6143059	11050	10600		
3139	08/07/2008	Soil	Coluvium	B	Grey	667779	6143023	11150	10600		
3140	08/07/2008	Soil	Coluvium	B	Brown	667736	6143005	11200	10600		
3141	08/07/2008	Soil	Till	B	Brown	667692	6142987	11250	10600		
3142	08/07/2008	Soil	Till	B	Brown	667649	6142969	11300	10600		
3143	08/07/2008	Soil	Talus	B	Brown	667605	6142951	11350	10600		
3144	08/07/2008	Soil	Talus	B	Brown	667562	6142933	11400	10600		
3145	08/07/2008	Soil	Coluvium	B	Brown	667518	6142915	11450	10600		
3146	08/07/2008	Soil	Talus	B	Brown	667475	6142897	11500	10600		
3147	08/07/2008	Soil	Talus	B	Brown	667431	6142878	11550	10600		
3148	08/07/2008	Soil	Talus	B	Brown	667388	6142860	11600	10600		
3149	08/07/2008	Soil	Talus	B	Brown	667344	6142842	11650	10600		
3150	08/07/2008	Soil	Coluvium	B	Brown	667301	6142824	11700	10600		
3151	08/07/2008	Soil	Coluvium	B	Brown	667257	6142806	11750	10600		
3152	08/07/2008	Soil	Till	B	Brown	667214	6142788	11800	10600		
3153	08/07/2008	Soil	Till	B	Brown	667170	6142770	11850	10600		
3154	08/07/2008	Soil	Till	B	Brown	667127	6142752	11900	10600		
3155	08/07/2008	Soil	Till	B	Brown	667083	6142734	11950	10600		
3156	08/07/2008	Soil	Till	B	Brown	667040	6142716	12000	10600		
3157	08/07/2008	Soil	Till	B	Brown	666995	6142697	12050	10600		
3158	08/07/2008	Soil	Coluvium	B	Brown	666949	6142677	12100	10600		
3159	08/07/2008	Soil	Till	B	Brown	666904	6142658	12150	10600		
3160	08/07/2008	Soil	Till	B	Black	666858	6142638	12200	10600		
3161	08/07/2008	Soil	Till	B	Brown	666813	6142619	12250	10600		
3162	08/07/2008	Soil	Till	B	Black	666767	6142599	12300	10600		
3163	08/07/2008	Soil	Till	B	Black	666722	6142580	12350	10600		
3164	08/07/2008	Soil	Coluvium	B	Red	666677	6142560	12400	10600		
3165	08/07/2008	Soil	Coluvium	B	Brown	666631	6142541	12450	10600		
3166	08/07/2008	Soil	Till	B	Brown	666586	6142521	12500	10600		
3167	08/07/2008	Soil	Coluvium	B	Brown	666540	6142502	12550	10600		
3168	08/07/2008	Soil	Coluvium	B	Brown	666495	6142482	12600	10600		
3169	08/07/2008	Soil	Till	B	Brown	666450	6142463	12650	10600		
3170	08/07/2008	Soil	Coluvium	B	Brown	666404	6142443	12700	10600		
3171	08/07/2008	Soil	Coluvium	B	Brown	666359	6142424	12750	10600		
3172	08/07/2008	Soil	Coluvium	B	Brown	666313	6142404	12800	10600		
3173	08/07/2008	Soil	Till	B	Brown	666268	6142385	12850	10600		
3174	08/07/2008	Soil	Till	B	Brown	666222	6142365	12900	10600		
3175	08/07/2008	Soil	Till	B	Brown	666177	6142346	12950	10600		